



Network Solutions

Global carbon-neutral manufacturer of innovative
end-to-end network infrastructure

2025–2026 Catalog
North America



WITH LEVITON NETWORK SOLUTIONS, YOU GET

a carbon neutral, customer-focused, single-source global manufacturer of innovative end-to-end cabling systems. Our time-tested, flexible solutions are held to the highest standards of quality and performance, delivering the **maximum return on your infrastructure investment**. We are:



CUSTOMER-FOCUSED

Known for our seamless support, with responsive customer service teams and technical experts only a call away.



GLOBAL MANUFACTURER

Capacity for redundant operations, ensuring product is always available.



END-TO-END

A single-source manufacturer for fiber and copper cabling systems; we make all components in house, constantly innovating on system performance and quality.

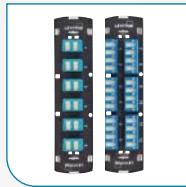
Look for these newly introduced solutions:



ATLAS-X1™ and
EXTREME™
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(page A26)



SDX Shuttered
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SDX Fusion
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Learn about our MILLENNIUM™ global copper systems at [Leviton.com/millennium](https://leviton.com/millennium).
For extended distance performance data, contact your local sales person:
leviton.com/ns/global-locations.

For information on our BABA- and BEAD-compliant products, contact Tech Support
at appeng@leviton.com or (800) 722 2082.

CATEGORY-RATED JACKS | ATLAS-X1™



ATLAS-X1 COMPONENT-RATED UTP & SHIELDED QUICKPORT™ JACKS

- Innovative wire manager and door-release levers support quick, repeatable terminations
- Unified form factor and termination method, from Cat 5e to Cat 6A
- Tool-free design requires no specialized termination tool
- Patented Retention Force Technology (RFT) protects against tine damage and maintains contact force between plug and jack, preventing arcing from intermittent disconnects in PoE applications
- Interchangeable icons available (voice, data, AV, and blank); color-coded to match the jack face
- Jack with internal shutter is available to protect ports from dust, debris, and contaminants
- Shielded jacks provide additional EMI/RFI protection, signal isolation, and alien crosstalk (AXT) suppression
- Tested and approved for use in air-handling spaces (plenum rating) in accordance with UL Standard 2043
- PoE optimized tine geometry prevents arcing damage where plug and jack make contact, extending jack life and ensuring maximum performance (see specification sheets for full PoE capabilities)
- Solid metal body dissipates 53% more heat than plastic, minimizing damage from excess heat in PoE applications

WATCH: INSTALLATION VIDEOS



Leviton.com/ns/videos

ATLAS-X1 UTP QUICKPORT JACKS

DESCRIPTION	CAT 6A	CAT 6	CAT 5E
ATLAS-X1 UTP QUICKPORT Jack	[A] 6AUJK-R*6	61UJK-R*6	5EUJK-R+5
ATLAS-X1 UTP QUICKPORT Jack with Shutter	6AUJK-S*6	61UJK-S*6	—
ATLAS-X1 UTP QUICKPORT Jack, GREENPACK 12-pack	6AUJK-C^6	61UJK-C^6	—

ATLAS-X1 SHIELDED QUICKPORT JACKS

ATLAS-X1 Shielded QUICKPORT Jack	6ASJK-R*6	61SJK-R*6	5ESJK-R+5
ATLAS-X1 Shielded QUICKPORT Jack with Shutter	[B] 6ASJK-S*6	61SJK-S*6	—
ATLAS-X1 Shielded QUICKPORT Jack, GREENPACK 12-pack	[C] 6ASJK-C~6	61SJK-C~6	—

ATLAS-X1 ACCESSORIES

DESCRIPTION	PART NO.
ATLAS-X1 Bulk Icons, pack of 72 (2-sided icons, 24 of each icon)	[D] ICONS-IC*
ATLAS-X1 UTP Wire Managers, bag of 10, white	AXUJK-BWM
ATLAS-X1 Shielded Wire Managers, bag of 10, gray	[E] AXSJK-BGM

* = Colors: Choose from any of the colors below excluding Pink (K)

+ = Colors: Choose from any of the colors below

~ = Colors: White (W), Black (E), Blue (L)

^ = Colors: White (W), Black (E), Blue (L)

~ = Colors: White (W), Black (E), Gray (G)

All Leviton Category-Rated Jacks are RoHS Compliant.



CATEGORY-RATED JACKS | EXTREME™ & GIGAMAX™



EXTREME UTP QUICKPORT™ JACKS

- Patented Retention Force Technology (RFT) protects against damage from 4- or 6-pin plugs
- Pair Separation Towers facilitate quick, effective termination
- Compatible with Fluke JackRapid™ Punchdown Tool for quick and easy terminations
- Cat 6A jack includes a patented CONE OF SILENCE™ for additional alien crosstalk (AXT) suppression
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities

GIGAMAX UTP QUICKPORT JACKS

- Single T568A or T568B wiring labels simplify terminations
- Narrow jack profile for high-density installations
- Compatible with Fluke JackRapid™ Punchdown Tool for quick and easy terminations
- Durable one-piece frame built for longevity
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities

EXTREME UTP QUICKPORT JACKS

DESCRIPTION	CAT 6A	CAT 6	CAT 5E
EXTREME UTP QUICKPORT Jack	[A] 6110G-R*6	[B] 61110-R*6	5G110-R*5
EXTREME UTP QUICKPORT Jack GREENPACK™ 12-pack	6110G-C^6	—	—
EXTREME UTP QUICKPORT Jack, QUICKPACK™ 25-Pack	—	61110-B*6	5G110-B*5
EXTREME UTP QUICKPORT Jack, QUICKPACK 150-pack with JackRapid tool	—	61110-J*6	5G110-J*5
EXTREME UTP QUICKPORT Jack, GREENPACK 200-pack	6110G-2^6	61110-2^6	

GIGAMAX CAT 5E UTP QUICKPORT JACKS

GIGAMAX UTP QUICKPORT Jack	[C] 5G108-R*5
GIGAMAX UTP QUICKPORT Jack, QUICKPACK 25-Pack	5G108-B*5
GIGAMAX UTP QUICKPORT Jack, QUICKPACK 150-pack with JackRapid tool	5G108-J*5

* = Colors: Choose from any of the colors below.

^ = Colors: White (W), Black (E), Blue (L)

All Leviton Category-Rated Jacks are RoHS Compliant.



CONNECTORS | Plugs, Voice Grade Jacks & Jack Adapter Bezels



CAT 6A PLUG

- Cat 6A Universal Tool-Free plug offers easy field termination without special tools and terminates from 26- to 22-gauge solid or stranded conductors, supporting shielded and UTP applications

CAT 6 & 5E EZ-RJ45® PLUGS

- Cat 6 and Cat 5e plugs provide quick UTP wire terminations, with clear housing for easy wire sequence verification and cable feedthrough plug opening for crimp precision

CAT 5 & USOC UTP QUICKPORT™ JACKS

- Fit into all QUICKPORT wallplates and housings
- Full support of voice and low-speed data applications
- Cat 5 and 8P8C USOC accept RJ-45 plugs; 6P6C USOC accepts RJ-11 plugs

QUICKPORT JACK ADAPTER BEZELS

- Allow QUICKPORT jacks to be installed into third-party wallplates and surface-mount boxes
- Bezel color will be visible after installation
- Packaged individually and sold separately from jacks
- CommScope bezels fit SYSTIMAX® or Uniprise® wallplates and surface-mount boxes

CAT 6A PLUG	
DESCRIPTION	PART NO.
[A] Cat 6A Universal Tool-Free Plug	6APLG-S6A
CAT 6/5E EZ-RJ45 PLUGS^	
[B] Cat 6 EZ-RJ45 Plug, pack of 50	47613-EZ6
Cat 5e EZ-RJ45 Plug, pack of 10	47613-EZR
Cat 5e EZ-RJ45 Plug, pack of 50	47613-EZC
CAT 5/USOC UTP QUICKPORT JACKS	
[C] Cat 5 Jack	41108-R*5
USOC Jack, 8P8C	41108-R+8
USOC Jack, 6P6C	41106-R*6
QUICKPORT JACK ADAPTER BEZELS	
[D] CommScope Jack Adapter Bezel (jack not included)	AB100-00†
[E] Clipsal® Jack Adapter Bezel (jack not included)	AB200-00*
[F] LexCom Jack Adapter Bezel (jack not included)	AB300-00†

^ = See Copper Tools page A29 for EZ-RJ45 crimp tool.

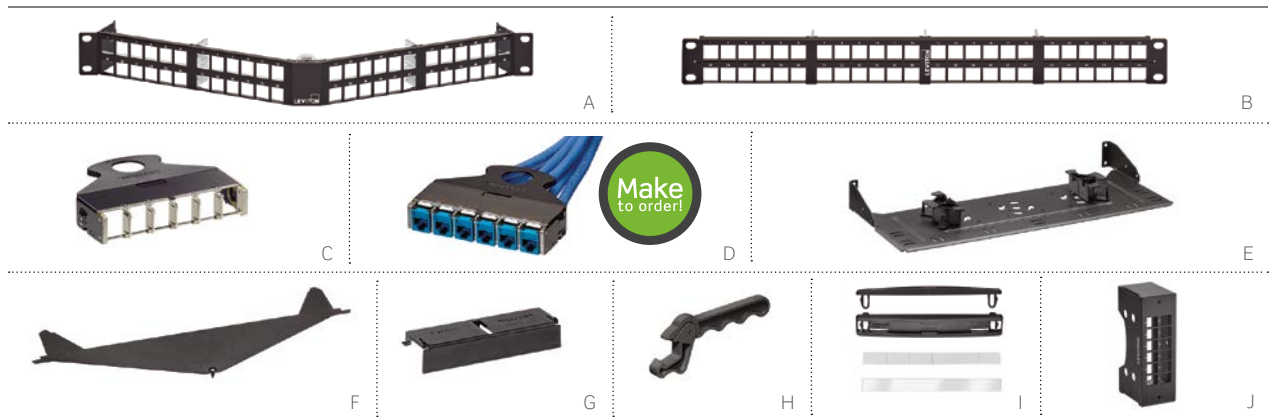
* = Colors: Choose from any of the colors below.

+ = Colors: White (W), Ivory (I), Crimson (C), Dark Red (R), Blue (L), Black (E)

† = Colors: Choose from white or black.

All Leviton Category-Rated and USOC Jacks are RoHS compliant.





E2XHD SNAP-IN CASSETTE PATCHING SYSTEM

- High-density panels allow a mix-and-match of Leviton UTP, shielded, or fiber snap-in cassettes
- Cassettes are available empty or on pre-terminated trunks (see Leviton.com/mto)
- Copper jacks (sold separately) easily snap into cassette after termination

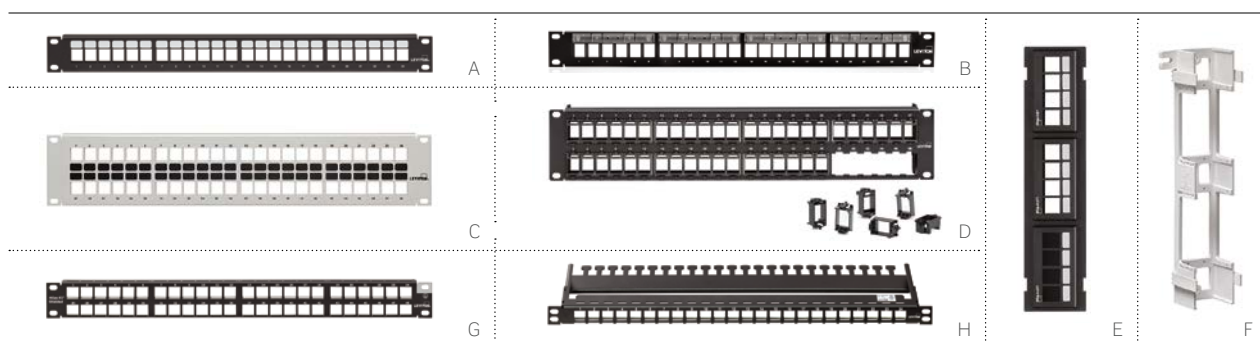
E2XHD UTP & SHIELDED SNAP-IN CASSETTE PATCHING SYSTEM

DESCRIPTION	PART NO.
[A] 1RU 48-Port e2XHD Angled High-Density Panel, supports UTP, shielded, and fiber media, black	E2X1A-S48
[B] 1RU 48-Port e2XHD Flat High-Density Panel, supports UTP, shielded, and fiber media, black	E2X1F-S48
[C] 6-port e2XHD Cassette, empty	E2XHD-BRK
[D] e2XHD Copper Cassette, terminated to trunk cable	Configure online at Leviton.com/mto
e2XHD Rear Cable Manager for Angled Panel, with fiber storage rings (four quarter-round rings)	E2XHD-CMB
[E] e2XHD Rear Cable Manager for Flat Panel, with fiber storage rings (four quarter-round rings)	E2X1F-CMB
[F] e2XHD Angled Panel Cover, black	E2XHD-COV
[G] e2XHD Cassette Blank, black	E2XHD-BLK
[H] QUICKPORT™ Jack Removal Tool	E2XHD-JRT
[I] e2XHD Label Kit, occupies one row of panel (4 pack)	E2XHD-LBL
[J] e2XHD Mini Panel, supports UTP and fiber media, black	E2XMB-D12
e2XHD Extension Bracket, 1RU	E2X1F-BKT
e2XHD Extension Bracket, 2RU	E2X2F-BKT



e2XHD Snap-In Cassette Patching System for fiber applications on pages B17-B18.

PATCH PANELS | Flat QUICKPORT™ > UTP & Shielded



FLAT UTP QUICKPORT PATCH PANELS

- Silk-screened port numbers on panel front
- Low profile for areas with space constraints or inside cabinets
- Rear cable management bars for white panels and others noted below are sold separately

FLAT SHIELDED QUICKPORT PATCH PANELS

- Shielding protects against electromagnetic interference (EMI) and radio frequency interference (RFI), and provides excellent alien crosstalk (AXT) suppression
- Includes appropriate earthing hardware
- Rear cable management bars for white panels and others noted below are sold separately

See Section D for Cable Management Solutions and Accessories.



49005-CMB included with all flat panels, unless otherwise noted.

FLAT QUICKPORT PATCH PANELS & PATCH BLOCKS

DESCRIPTION	0RU 12-PORT	1RU 24-PORT	1RU 48-PORT	2RU 48-PORT
Flat QUICKPORT Patch Panel, black		[A] 49255-H24	—	49255-H48
Flat QUICKPORT Patch Panel, black, without cable management bar	—	49355-H24*	—	49355-H48*
Flat QUICKPORT Patch Panel, white, without cable management bar	—	49255-W24*	—	[C] 49255-W48*
Flat QUICKPORT Patch Panel, black, magnifying lens label holder	—	[B] 49255-L24	—	49255-L48
Flat High-Density QUICKPORT Patch Panel, black	—	—	49255-Q48*	—
Flat QUICKPORT Front Loading Patch Panel, black	—	—	—	[D] 49455-48B
Flat QUICKPORT Patch Panel, black, vertical numbering	—	—	49255-V48*	49255-48N
12-Port QUICKPORT Patch Block, black, mounting bracket (item F below) sold separately, 10" H x 2.375" W	[E] 49255-Q89	—	—	—
12-Port QUICKPORT Patch Block, extra deep, black, mounting bracket included, 10" H x 2.375" W	47689-QQP	—	—	—

FLAT SHIELDED QUICKPORT PATCH PANELS

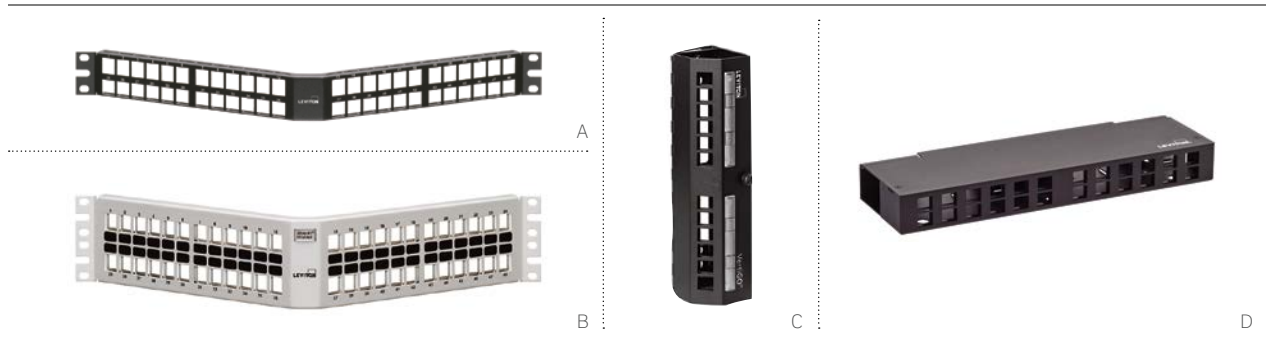
DESCRIPTION	HALF RU 24-PORT	1RU 24-PORT	1RU 48-PORT	2RU 48-PORT
Flat Shielded QUICKPORT Patch Panel, black		4S255-S24	—	4S255-S48
Flat Shielded QUICKPORT Patch Panel, black, without cable management bar		—	[G] 4S255-D48*	—
Flat Shielded QUICKPORT Patch Panel, supports UTP, shielded, and fiber media, black	[H] 4S255-4BH			
Flat Shielded QUICKPORT Patch Panel, white		4S255-WS4*	4S255-W48*	4S255-WS8*
Flat Shielded QUICKPORT Patch Panel with Vertical Numbering		—	—	4S255-48N

PATCH PANEL ACCESSORIES

DESCRIPTION	PART NO.
Front Loading Patch Panel Bezel Replacement, pack of 4	FLPBE-4EB
QUICKPORT Patch Block 89D Mounting Bracket (mounts to item E)	[F] 40089-00D

* = Cable management bar sold separately.

PATCH PANELS | Angled QUICKPORT™, VERTIGO™ Zero-U QUICKPORT > UTP & Shielded & Passive Zone Enclosure



ANGLED UTP QUICKPORT PATCH PANELS

- Angled design conserves rack space by routing patch cords directly into vertical cable management
- Angled design facilitates proper bend radius and simplifies termination
- Select panels include patented magnifying lens label holders for easy reading
- Rear cable management bars sold separately

ANGLED SHIELDED QUICKPORT PATCH PANELS

- Shielding protects against electromagnetic interference (EMI) and radio frequency interference (RFI), and provides excellent alien crosstalk (AXT) suppression
- High-density 1RU 48-port option maximizes rack space and reduces costs in high-density applications
- Rear cable management bars sold separately

See Section D for Cable Management Solutions and Accessories.



49006-AMB — Recommended angled rear cable management bar



49254-BC1 — Recommended angled transitional cover

VERTIGO ZERO-U QUICKPORT PATCH PANEL

- Can be mounted to a ladder tray, wire basket, under a raised floor, or onto modular furniture
- Improves cabinet center airflow by routing rear cable along outer edges
- Hinged doors provide easy access to termination field

PASSIVE ZONE ENCLOSURE

- Low Profile Zone Box is 1.75" high, allowing efficient installation under low profile access floors, in furniture, above ceilings, and on walls, stackable to support applications beyond 24 ports; accepts all QUICKPORT connectivity
- Additional zone enclosures can be found on pages D11-D12

ANGLED QUICKPORT PATCH PANELS

DESCRIPTION	1RU 24-PORT	1RU 48-PORT	2RU 48-PORT
Angled QUICKPORT Patch Panel, black	49256-H24	[A] 49256-D48	49256-H48
Angled QUICKPORT Patch Panel, white	49256-W4L	—	49256-W8L
Angled QUICKPORT Patch Panel, magnifying lens holder, black	49256-L24	—	49256-L48
Angled QUICKPORT Patch Panel, magnifying lens holder, white	49256-W4M	—	49256-W8M

ANGLED SHIELDED QUICKPORT PATCH PANELS

Angled Shielded QUICKPORT Patch Panel, black	4S256-S24	—	4S256-S48
Angled Shielded QUICKPORT Patch Panel, white	4S256-WS4	—	[B] 4S256-WS8

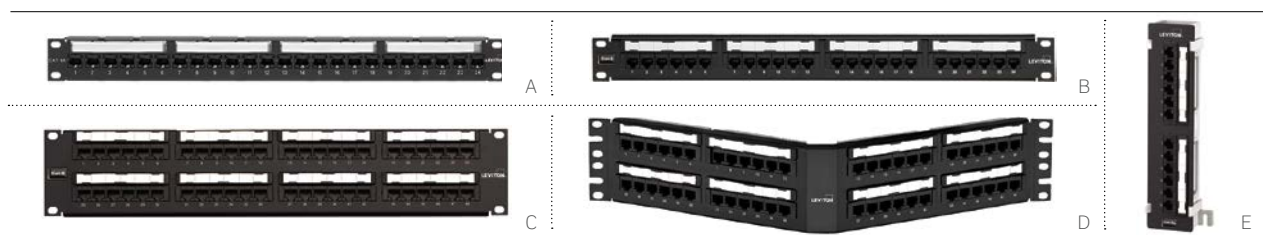
VERTIGO ZERO-U QUICKPORT PATCH PANELS

DESCRIPTION	PART NO.
[C] 12-Port UTP QUICKPORT VERTIGO Panel, panel only, empty	49280-QP0

PASSIVE ZONE ENCLOSURE

DESCRIPTION	PART NO.
[D] 24-Port Low Profile Zone Box	49225-24E

PATCH PANELS | Flat & Angled 110-Style > UTP



FLAT AND ANGLED UTP 110-STYLE PATCH PANELS

- 6-port RJ-45 modules on front, and 110-style punchdowns on rear
- Includes color codes for T568A and T568B wiring schemes
- Cat 5e and Cat 6 include 25-pair wiring schemes
- Silk-screened port numbers and paper label holders included
- Select panels include patented magnifying lens label holders for easy reading
- Patented Retention Force Technology (RFT) protects against time damage from 4- or 6-pin plugs, saves on costly repairs, and increases system longevity (select panels only)
- Rear Cable Management Bar (49005-CMB) is included unless otherwise noted
- Angled design conserves rack space by routing patch cords directly into vertical cable management
- Angled design facilitates proper bend radius and simplifies termination

See Section D for Cable Management Solutions and Accessories.

CATEGORY RATED PATCH PANELS WITH JACKS

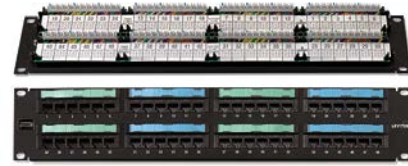
- Rear cable management bar included unless otherwise noted
- Panels are packaged with the corresponding number of either EXTREME™ Jacks

FLAT 110-STYLE PATCH PANELS & PATCH BLOCK			
DESCRIPTION	CAT 6A	CAT 6	CAT 5E
1RU 12-Port Flat UTP 110-Style Patch Panel, black	—	69586-U12	5G596-U12
1RU 24-Port Flat UTP 110-Style Patch Panel, black	—	[B] 69586-U24	5G596-U24
1RU 24-Port Flat UTP 110-Style Patch Panel, white	—	69586-W24*	—
1RU 24-Port Flat UTP 110-Style Patch Panel, magnifying lens holder, black	[A] 6A586-U24	69586-L24	—
2RU 48-Port Flat UTP 110-Style Patch Panel, black	—	[C] 69586-U48	5G596-U48
2RU 48-Port Flat UTP 110-Style Patch Panel, white	—	69586-W48*	—
2RU 48-Port Flat UTP 110-Style Patch Panel, magnifying lens holder, black	6A586-U48	69586-L48	—
2RU 48-Port Flat UTP 110-Style Patch Panel, black, central labeling, black	—	69586-C48	—
4RU 96-Port Flat UTP 110-Style Patch Panel, black	—	69586-U96	—
12-Port UTP 110-Style Patch Block, 89D bracket, black	—	[E] 69586-U89	5G596-U89
ANGLED 110-STYLE PATCH PANELS*			
1RU 24-Port Angled UTP 110-Style Patch Panel, black	—	69587-U24	—
1RU 24-Port Angled UTP 110-Style Patch Panel, magnifying lens holder, black	6A587-U24	69587-L24	5G597-L24
2RU 48-Port Angled UTP 110-Style Patch Panel, black	—	[D] 69587-U48	—
2RU 48-Port Angled UTP 110-Style Patch Panel, magnifying lens holder, black	6A587-U48	69587-L48	—
PATCH PANELS WITH QUICKPORT JACKS			
1RU 24-Port Flat UTP QUICKPORT Patch Panel with 24 black EXTREME Jacks	6910G-U24	69270-U24	5G270-U24
2RU 48-Port Flat UTP QUICKPORT Patch Panel with 48 black EXTREME Jacks	6910G-U48	69270-U48	5G270-U48

* = Cable Management Bar sold separately.



A-C



D

VOICE-GRADE 110-STYLE PATCH PANELS

- 110-style or female 25-pair configurations
- Unique label delineates 1-, 2-, 4-, or 25-pair termination options
- 25th pair (violet/slate) is not used in 25-pair style panels
- 8P8C panel supports 10/100BASE-T applications
- Features 25-pair female Amphenol® RJ-21X jacks

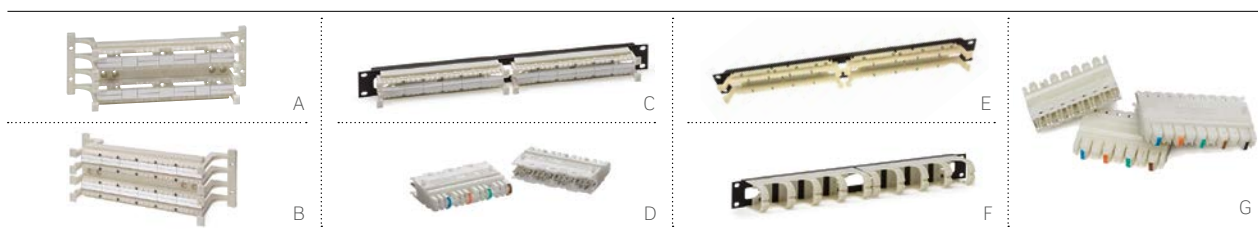
RJ-21X CONNECTORS PER PATCH PANEL

PART NO.	24-PORT	48-PORT
49012	1	2
49014	2	4
49018	4	8

VOICE-GRADE 110-STYLE PATCH PANELS

DESCRIPTION	1RU 24-PORT	2RU 48-PORT
8P4C Patch Panel, 110 termination, 2 wire-pairs per port	[A] 49013-P24	[D] 49013-P48
8P4C Patch Panel, two 25-pair connectors per 24 ports, 2 wire-pairs per port	49014-J24	[B] 49014-J48
8P2C Patch Panel, one 25-pair connector per 24 ports, 1 wire-pair per port	49012-J24	49012-J48
8P8C Patch Panel, one 25-pair connector per 6 ports (supports 10/100BASE-T), 4 wire-pairs per port	[C] 49018-J24	49018-J48

CROSS CONNECT | 110-Style Wiring Products > 6A, 6 & 5e



CAT 6A 110-STYLE WIRING BLOCKS

- Supports high-frequency data signals up to 500 MHz
- Can be used as a consolidation point (CP) in a TIA-defined 90 m permanent link
- Designed to mitigate alien crosstalk (AXT)
- Independently tested and verified by Intertek (ETL) to meet all TIA component, permanent link, and channel requirements

CAT 5E 110-STYLE WIRING PRODUCTS

- Wall-mount bases available in 50- and 100-pair with or without legs
- 300-pair bases include stand-off legs, labels, and label holders
- Kits include bases, connecting blocks, labels, and holders
- Rack-mount units are for 100- and 300-pair densities
- 110-style wiring cable management available

CAT 6 110-STYLE WIRING PRODUCTS

- Supports voice, data, and security applications
- Wall-mount wiring block kits available in 96- and 288-pairs
- Connector clips withstand 200 re-terminations

WATCH: INSTALLATION VIDEOS



Leviton.com/ns/videos
"How to Terminate 110-Style Cross-Connect"

CAT 6A 110-STYLE WALL-MOUNT WIRING BLOCK KITS

DESCRIPTION	PART NO.
[A] MILLENNIUM™ Cat 6A 110-Style Wiring Block, 64-pair, wall mount, with legs and C-4 clips^	41D6A-1F4

CAT 6 110-STYLE WIRING BLOCK KITS (WITH C-4 CLIPS) & ACCESSORIES

[B] Cat 6 110-Style Wiring Block, wall mount, with legs^	41AB6-xF4
[C] Cat 6 110-Style Wiring Block, rack mount	41DR6-1F4
[D] Cat 6 C-4 Clips (bag of 10)	69104-IDC

CAT 5E 110-STYLE WIRING BLOCK KITS

Cat 5e 110-Style Wall-Mount Wiring Block Kit, wall mount, with legs, 100 pair	41AB2-1F*
Cat 5e 110-Style Wall-Mount Wiring Block Kit, wall mount, without legs, 100 pair, C-5 clips	41NB2-1F5
[E] Cat 5e 110-Style Rack-Mount Wiring Block Kit, rack mount, 100 pair, 1RU	41DBR-1F*
Cat 5e 110-Style Rack-Mount Wiring Block Kit, rack mount, 300 pair, 3RU	41DBR-3F*

CAT 5E 110-STYLE WIRING BLOCKS

89D Bracket Compatible Wiring Base Unit†, 50 pair	41DW1-589
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RACK-MOUNT MANAGER

[F] Rack-Mount Horizontal Cord Manager	41D1R-HCM
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CAT 5E 110-STYLE CONNECTOR CLIPS

[G] Cat 5e 110-Style Connector Clips (bag of 10)	4910*-IDC
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CAT 5E 110-STYLE WIRING BLOCK ACCESSORIES

110-Style Horizontal Cord Manager with legs	41A10-HCM
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VERTICAL CORD MANAGERS AND 110-STYLE WALL-MOUNT WIRING PRODUCTS

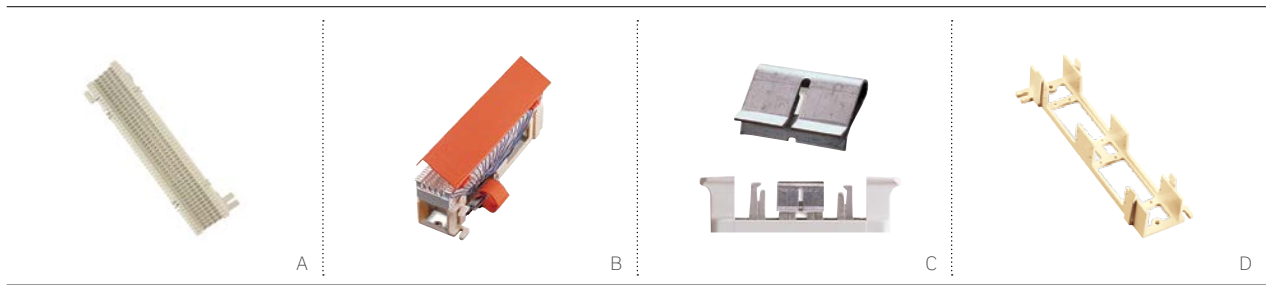
300-pair Vertical Cord Manager Basic Unit, includes bottom cable tray	41880-300
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^ = Cat 6A/6 110-Style wiring block stand-off legs are non-removable. Legs not sold separately for Cat 6A/6 wiring blocks.

x = 96 Pair (1), 288 Pair (3)

* = C-4 Clips (4), C-5 Clips (5)

† = 89D Brackets, 40089-00D, sold separately. See page A13.



66 CONNECTING BLOCKS

- Available as Pre-Connectorized Demarc Block-with mounting bracket and orange cover or 50-pair Split M configuration-block only
- High-impact fire-retardant UL 94V-0 plastic
- Phosphor bronze quick-connect insulation displacement 66-clips
- Accessories include brackets and bridging clips

66 CONNECTING BLOCKS

DESCRIPTION	PART NO.
[A] Split M-Block, 50-pair [66M1-50] 10" H x 3 5/16" W x 1 3/16" D	40066-M50
[B] Connectorized Demarc Block [66M1-50R] 10" H x 3 13/32" W x 2 3/4" D, female Amphenol®	40066-0MR

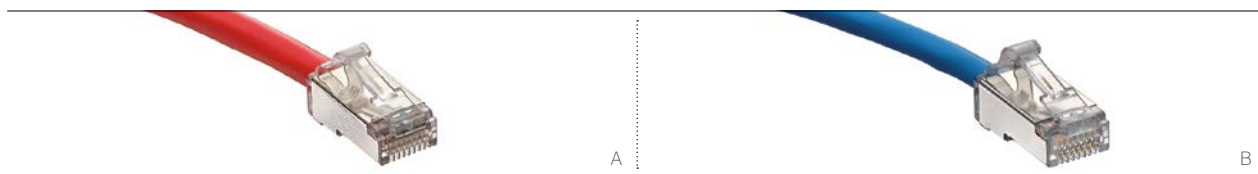
BRIDGING CLIPS

[C] Bridging Clips (SA-1), pack of 50	40067-0BC
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BRACKET FOR M-BLOCKS & CONNECTOR MOUNTING

[D] 89-D Mounting Bracket, for Split M-Block 10" H x 3 13/32" W x 1 1/2" D	40089-00D
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PATCH CORDS | Cat 6A



CAT 6A PATCH CORDS

- Short boot design of 0.10 in (2.65 mm) reduces installed bend radius for limited depth applications
- Patch cord bend radius is 0.96 in (24.4 mm)
- Provide exceptional alien crosstalk (AXT) suppression and EMI/RFI protection in Cat 6A channels
- Same cord for UTP or shielded installations
- Ergonomic release tab allows for quick and easy connections and disconnects
- Tested and verified to meet ANSI/TIA-568.2-D and ISO/IEC 11801-1 component requirements
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities

CAT 6A SMALL DIAMETER HIGH-FLEX PATCH CORDS

- Outside diameter of 0.185 in (4.7 mm)
- Bend radius is a narrow 0.74 in (18.8 mm) , versus 1.0 in (25.4 mm) for typical Cat 6A patch cords
- Short boot design of 0.10 in (2.65 mm) reduces installed bend radius for limited depth applications
- Accommodate use in ultra high-density switches, routers, and other electronics
- Dual-rated cable jacket (CM, LSHF/LSZH)
- Same cord for UTP or shielded installations
- Tested and verified to meet ANSI/TIA-568.2-D and ISO/IEC 11801-1 component requirements
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities
- Optional GREENPACK™ Sustainably Smart Packaging eliminates single use plastics in packaging and reduces jobsite time removing cords from individual bags
- GREENPACK supplied in 12- or 24- unit packs
- Living Building Challenge Red List Free product

[A] CAT 6A PATCH CORDS

DESCRIPTION	WHITE	YELLOW	RED	BLUE	GREEN	GRAY	BLACK	GREENPACK Blue 12- or 24-Count Pack
3 ft (1 m) Patch Cord	6AS10-03W	6AS10-03Y	6AS10-03R	6AS10-03L	6AS10-03G	6AS10-03S	6AS10-03E	—
5 ft (1.5 m) Patch Cord	6AS10-05W	6AS10-05Y	6AS10-05R	6AS10-05L	6AS10-05G	6AS10-05S	6AS10-05E	—
7 ft (2 m) Patch Cord	6AS10-07W	6AS10-07Y	6AS10-07R	6AS10-07L	6AS10-07G	6AS10-07S	6AS10-07E	—
10 ft (3 m) Patch Cord	6AS10-10W	6AS10-10Y	6AS10-10R	6AS10-10L	6AS10-10G	6AS10-10S	6AS10-10E	—
15 ft (4.5 m) Patch Cord	6AS10-15W	6AS10-15Y	6AS10-15R	6AS10-15L	6AS10-15G	6AS10-15S	6AS10-15E	—
20 ft (6 m) Patch Cord	6AS10-20W	6AS10-20Y	6AS10-20R	6AS10-20L	6AS10-20G	6AS10-20S	6AS10-20E	—

[B] CAT 6A SMALL DIAMETER HIGH-FLEX PATCH CORDS

1 ft (0.3 m) Patch Cord	H6A10-01W	H6A10-01Y	H6A10-01R	H6A10-01L	H6A10-01G	H6A10-01S	H6A10-01E	H6AP0-01L (24 pk)
3 ft (1 m) Patch Cord	H6A10-03W	H6A10-03Y	H6A10-03R	H6A10-03L	H6A10-03G	H6A10-03S	H6A10-03E	H6AP0-03L (24 pk)
5 ft (1.5 m) Patch Cord	H6A10-05W	H6A10-05Y	H6A10-05R	H6A10-05L	H6A10-05G	H6A10-05S	H6A10-05E	H6AP0-05L (24 pk)
7 ft (2 m) Patch Cord	H6A10-07W	H6A10-07Y	H6A10-07R	H6A10-07L	H6A10-07G	H6A10-07S	H6A10-07E	H6AP0-07L (24 pk)
10 ft (3 m) Patch Cord	H6A10-10W	H6A10-10Y	H6A10-10R	H6A10-10L	H6A10-10G	H6A10-10S	H6A10-10E	H6AP0-10L (24 pk)
15 ft (4.5 m) Patch Cord	H6A10-15W	H6A10-15Y	H6A10-15R	H6A10-15L	H6A10-15G	H6A10-15S	H6A10-15E	H6AP0-15L (12 pk)
20 ft (6 m) Patch Cord	H6A10-20W	H6A10-20Y	H6A10-20R	H6A10-20L	H6A10-20G	H6A10-20S	H6A10-20E	H6AP0-20L (12 pk)

All Leviton Cat 6A patch cords are RoHS Compliant.
Violet and Orange are non-stocked colors.



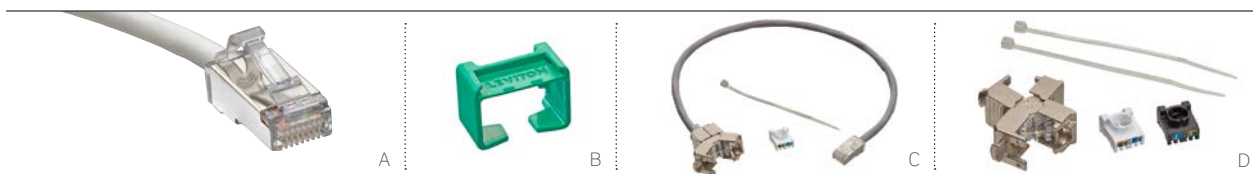
Additional colors and custom lengths available; for assistance please visit Leviton.com/mto or call Tech Support at (800) 722 2082

Make
to order!

PATCH CORDS | Cat 6A, VXC Plenum Assembly & VXC Coupler

Patch Cords

COPPER



CAT 6A PLENUM PATCH CORDS

- Outside diameter of 0.223 in (5.66 mm) is easier to manage
- Short boot design of 0.10 in (2.65 mm) reduces installed bend radius for limited depth applications
- NFPA-70 Plenum rated
- 26 AWG stranded conductors for extended flex life
- Snagless plug design prevents tab breakage
- Same cord for UTP or shielded installations
- Tested and verified to meet ANSI/TIA-568.2-D component requirements
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities

PATCH CORD COLOR CLIPS

- Compatible with 6AS10, H6A10, 6ASP0, 6D460 and 6H460 patch cords
- Clips to Leviton patch cords, providing additional color coding options
- Color Clips accept ATLAS-X1™ Icons (ICONS-ICx), with options for identifying Voice, Data, or AV
- Can be easily snapped into place without having to disconnect patch cord
- Colors match Leviton ATLAS-X1 jack colors

VXC PLENUM ASSEMBLY & VXC COUPLER

- Plenum-rated assembly includes plug, stranded patch cable, and VXC Coupler (also sold separately)
- Universal (UTP/shielded) solution for terminating cables at WAPs and smart building devices
- Coupler creates durable connection without need for punchdown or other proprietary tools
- Tested and approved for use in air handling spaces (plenum)
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities



Patch Cord Clip with ATLAS-X1 Icons

[A] CAT 6A PLENUM PATCH CORDS

DESCRIPTION	WHITE	BLUE	GRAY
3 ft (1 m) Patch Cord	6ASP0-03W	6ASP0-03L	6ASP0-03S
5 ft (1.5 m) Patch Cord	6ASP0-05W	6ASP0-05L	6ASP0-05S
7 ft (2 m) Patch Cord	6ASP0-07W	6ASP0-07L	6ASP0-07S
10 ft (3 m) Patch Cord	6ASP0-10W	6ASP0-10L	6ASP0-10S
15 ft (4.5 m) Patch Cord	6ASP0-15W	6ASP0-15L	6ASP0-15S
20 ft (6 m) Patch Cord	6ASP0-20W	6ASP0-20L	6ASP0-20S

[B] PATCH CORD CLIPS

DESCRIPTION	YELLOW	RED	BLUE	GREEN
Patch Cord Clip, bag of 24	PCCLP-BYM	PCCLP-BCM	PCCLP-BLM	PCCLP-BVM

[C] VXC PLENUM ASSEMBLY

DESCRIPTION	WHITE	BLUE	GRAY
VXC Plenum Assembly, VXC Coupler with 18" plenum patch cable connected	SBCPI-18W	SBCPI-18L	SBCPI-18S

[D] VXC COUPLER

DESCRIPTION	PART NO.
VXC Coupler	SBCPI-00S

All Leviton Cat 6A patch cords are RoHS Compliant.



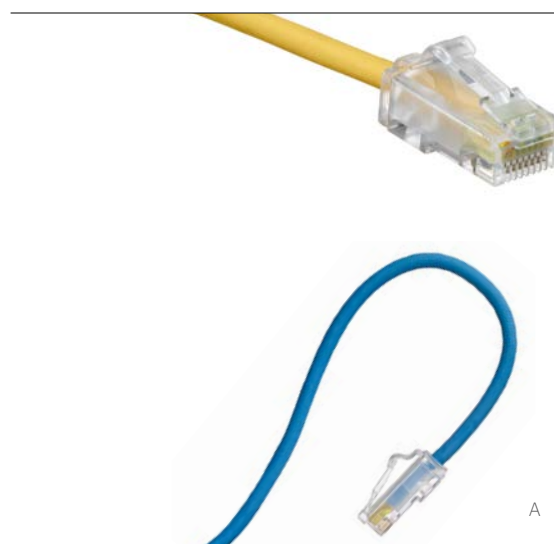
Additional colors and custom lengths available; for assistance please visit Leviton.com/mto or call Tech Support at (800) 722 2082

Make to order!

PATCH CORDS | Cat 6 High-Flex

CAT 6 HIGH-FLEX PATCH CORDS

- Bend radius is a narrow 0.60 in (15.2 mm) , versus 1.0 in (25.4 mm) for typical Cat 6 patch cords
- Dual-rated cable jacket (CM, LSHF/LSZH)
- Short boot design of 0.10 in (2.65 mm) reduces installed bend radius for limited depth applications
- Snagless plug design with integrated strain-relief boot
- Tested and verified to meet ANSI/TIA-568.2-D and ISO/IEC 11801-1 component requirements
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities
- Optional GREENPACK™ Sustainably Smart Packaging eliminates single use plastics in packaging and reduces jobsite time spent removing cords from individual bags
- GREENPACK supplied in 12- or 24- unit packs
- Living Building Challenge Red List Free product



[A] CAT 6 HIGH-FLEX PATCH CORDS

DESCRIPTION	WHITE	YELLOW	RED	BLUE	GREEN	GRAY	BLACK	GREENPACK Blue 12- or 24-Count Pack
0.5 ft (0.1 m) Patch Cord	6H460-6IW	6H460-6IY	—	6H460-6IL	—	6H460-6IS	—	—
1 ft (0.3 m) Patch Cord	6H460-01W	6H460-01Y	6H460-01R	6H460-01L	6H460-01G	6H460-01S	6H460-01E	6H4P0-01L (24 pk)
2 ft (0.6 m) Patch Cord	6H460-02W	6H460-02Y	6H460-02R	6H460-02L	6H460-02G	6H460-02S	6H460-02E	—
3 ft (1 m) Patch Cord	6H460-03W	6H460-03Y	6H460-03R	6H460-03L	6H460-03G	6H460-03S	6H460-03E	6H4P0-03L (24 pk)
4 ft (1.2 m) Patch Cord	6H460-04W	6H460-04Y	6H460-04R	6H460-04L	6H460-01G	6H460-04S	6H460-04E	—
5 ft (1.5 m) Patch Cord	6H460-05W	6H460-05Y	6H460-05R	6H460-05L	6H460-05G	6H460-05S	6H460-05E	6H4P0-05L (24 pk)
6 ft (1.8 m) Patch Cord	6H460-06W	6H460-06Y	6H460-06R	6H460-06L	6H460-06G	6H460-06S	6H460-06E	—
7 ft (2 m) Patch Cord	6H460-07W	6H460-07Y	6H460-07R	6H460-07L	6H460-07G	6H460-07S	6H460-07E	6H4P0-07L (24 pk)
8 ft (2.4 m) Patch Cord	6H460-08W	6H460-08Y	6H460-08R	6H460-08L	6H460-08G	6H460-08S	6H460-08E	—
9 ft (2.7 m) Patch Cord	6H460-09W	6H460-09Y	6H460-09R	6H460-09L	6H460-09G	6H460-09S	6H460-09E	—
10 ft (3 m) Patch Cord	6H460-10W	6H460-10Y	6H460-10R	6H460-10L	6H460-10G	6H460-10S	6H460-10E	6H4P0-10L (24 pk)
11 ft (3.3 m) Patch Cord	6H460-11W	6H460-11Y	6H460-11R	6H460-11L	6H460-11G	6H460-11S	6H460-11E	—
12 ft (3.6 m) Patch Cord	6H460-12W	6H460-12Y	6H460-12R	6H460-12L	6H460-12G	6H460-12S	6H460-12E	—
13 ft (3.9 m) Patch Cord	6H460-13W	6H460-13Y	6H460-13R	6H460-13L	6H460-13G	6H460-13S	6H460-13E	—
14 ft (4 m) Patch Cord	6H460-14W	6H460-14Y	6H460-14R	6H460-14L	6H460-14G	6H460-14S	6H460-14E	—
15 ft (4.5 m) Patch Cord	6H460-15W	6H460-15Y	6H460-15R	6H460-15L	6H460-15G	6H460-15S	6H460-15E	6H4P0-15L (12 pk)
16 ft (4.8 m) Patch Cord	6H460-16W	6H460-16Y	6H460-16R	6H460-16L	6H460-16G	6H460-16S	6H460-16E	—
17 ft (5 m) Patch Cord	6H460-17W	6H460-17Y	6H460-17R	6H460-17L	6H460-17G	6H460-17S	6H460-17E	—
18 ft (5.4 m) Patch Cord	6H460-18W	6H460-18Y	6H460-18R	6H460-18L	6H460-18G	6H460-18S	6H460-18E	—
19 ft (5.8 m) Patch Cord	6H460-19W	6H460-19Y	6H460-19R	6H460-19L	6H460-19G	6H460-19S	6H460-19E	—
20 ft (6 m) Patch Cord	6H460-20W	6H460-20Y	6H460-20R	6H460-20L	6H460-20G	6H460-20S	6H460-20E	6H4P0-20L (12 pk)

All Leviton Cat 6 patch cords are RoHS Compliant.
Violet and Orange are non-stocked colors.



Additional colors and custom lengths available; for assistance please visit Leviton.com/mto or call Tech Support at (800) 722 2082

Make
to order!



A

CAT 6 UTP PATCH CORDS

- Narrow-profile boot reduces congestion in high-density applications
- Short boot design of 0.10 in (2.65 mm) reduces installed bend radius for limited depth applications
- Snagless boot design prevents tab breakage
- Ergonomic release tab allows for quick and easy connections and disconnects
- Tested and verified to meet ANSI/TIA-568.2-D component requirements
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities

CAT 6 UTP COMPONENT-RATED PATCH CORD, CM (PVC) - COUNTRY OF ORIGIN: USA

DESCRIPTION	PART NO.
Cat 6 UTP Patch Cord, CM (PVC) - Country of origin: USA	6D560-xx*

[A] CAT 6 UTP COMPONENT-RATED PATCH CORDS, CM (PVC)

DESCRIPTION	WHITE	YELLOW	RED	BLUE	GREEN	GRAY	BLACK
1 ft (0.3 m) Patch Cord	6D460-01W	6D460-01Y	6D460-01R	6D460-01L	6D460-01G	6D460-01S	6D460-01E
3 ft (1 m) Patch Cord	6D460-03W	6D460-03Y	6D460-03R	6D460-03L	6D460-03G	6D460-03S	6D460-03E
5 ft (1.5 m) Patch Cord	6D460-05W	6D460-05Y	6D460-05R	6D460-05L	6D460-05G	6D460-05S	6D460-05E
7 ft (2 m) Patch Cord	6D460-07W	6D460-07Y	6D460-07R	6D460-07L	6D460-07G	6D460-07S	6D460-07E
10 ft (3 m) Patch Cord	6D460-10W	6D460-10Y	6D460-10R	6D460-10L	6D460-10G	6D460-10S	6D460-10E
15 ft (4.5 m) Patch Cord	6D460-15W	6D460-15Y	6D460-15R	6D460-15L	6D460-15G	6D460-15S	6D460-15E
20 ft (6 m) Patch Cord	6D460-20W	6D460-20Y	6D460-20R	6D460-20L	6D460-20G	6D460-20S	6D460-20E

All Leviton Cat 6 patch cords are RoHS Compliant.

* = Color: White (W), Yellow (Y), Red (R), Blue (L), Green (G), Gray (S), Black (E)

Violet and Orange are non-stocked colors.

xx = Length in ft



Additional colors and custom lengths available; for assistance please visit Leviton.com/mto or call Tech Support at (800) 722 2082

Make to order!

PATCH CORDS | Cat 5e



CAT 5E SLIMLINE-BOOT UTP PATCH CORDS

- Narrow-profile boot reduces congestion in high-density applications
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities

CAT 5E STANDARD UTP PATCH CORDS

- Matching color cords and boots
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities

[A] CAT 5E UTP COMPONENT-RATED SLIMLINE-BOOT PATCH CORDS, CM (PVC)

DESCRIPTION	WHITE	YELLOW	BLUE	GREEN	GRAY
3 ft (1 m) Patch Cord	5D460-03W	5D460-03Y	5D460-03L	5D460-03G	5D460-03S
5 ft (1.5 m) Patch Cord	5D460-05W	5D460-05Y	5D460-05L	5D460-05G	5D460-05S
7 ft (2 m) Patch Cord	5D460-07W	5D460-07Y	5D460-07L	5D460-07G	5D460-07S
10 ft (3 m) Patch Cord	5D460-10W	5D460-10Y	5D460-10L	5D460-10G	5D460-10S

[B] CAT 5E UTP CHANNEL-RATED STANDARD PATCH CORDS, CM (PVC)

3 ft (1 m) Patch Cord	5G460-03W	5G460-03Y	5G460-03L	5G460-03G	5G460-03S
5 ft (1.5 m) Patch Cord	5G460-05W	5G460-05Y	5G460-05L	5G460-05G	5G460-05S
7 ft (2 m) Patch Cord	5G460-07W	5G460-07Y	5G460-07L	5G460-07G	5G460-07S
10 ft (3 m) Patch Cord	5G460-10W	5G460-10Y	5G460-10L	5G460-10G	5G460-10S

xx = Length in ft.

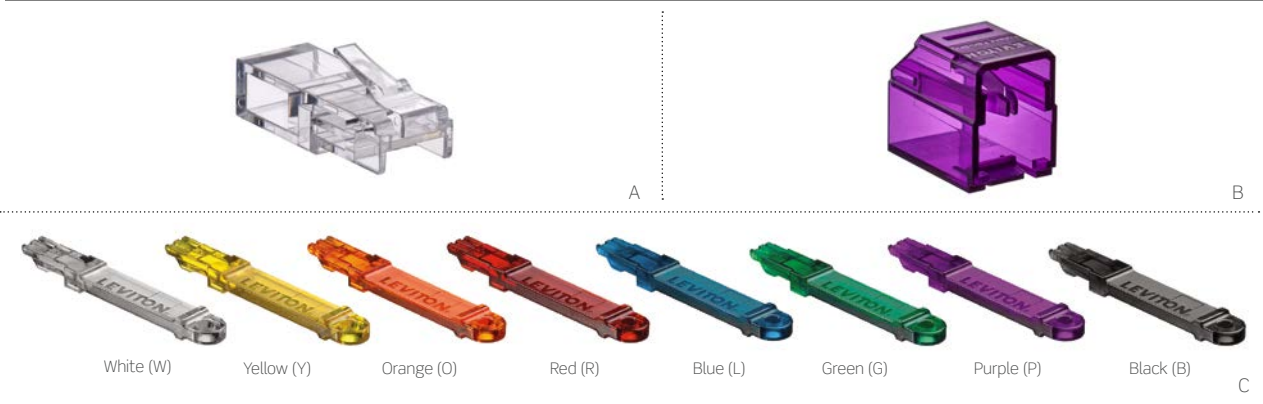
* = Color: White (W), Yellow (Y), Blue (L), Green (G), Gray (S)

All Leviton Cat 5e patch cords are RoHS Compliant.



Additional custom lengths available; for assistance please visit Leviton.com/mto or call Tech Support at (800) 722 2082

Make
to order!



SECURE RJ SYSTEM

- Compatible with industry-standard RJ ports in most network equipment, devices, patch panels, and work area outlets
- Same-color extraction tool disengages color-matched patch cords and port blockers
- Transparent housing allows color-coding without blocking visibility to link/status LEDs on electronic equipment
- Field configurable and installable Secure RJ Patch Cords are assembled from standard Leviton Patch Cords and Secure RJ Housings
- Field configurable and installable Port Blocker, assembled from Secure RJ Housing and Secure RJ Plug, prevents unauthorized network connection and protects open, unused ports
- Compatible with the following patch cords with Leviton short boot design: 6D460, 6H460, 6AS10, H6A10
- Housings and Plugs packaged in GREENPACK™ Sustainably Smart Packaging that is fully recyclable and single-use plastic free

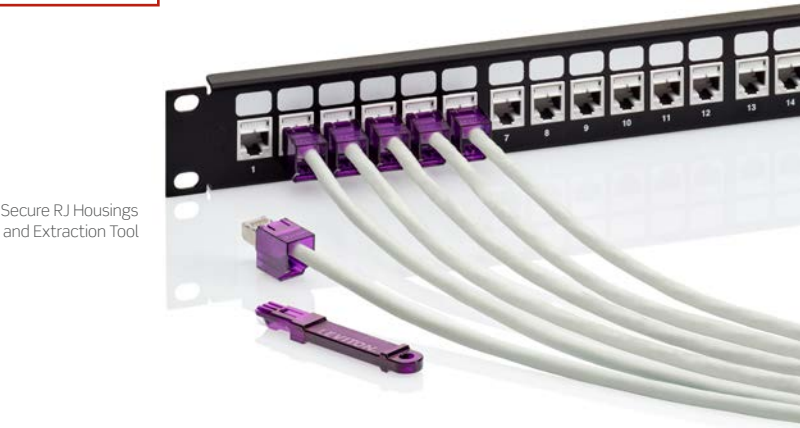
SECURE RJ SYSTEM		
DESCRIPTION		PART NO.
[A]	Secure RJ Plug, GREENPACK of 48	SRJPL-00W
[B]	Secure RJ Housing, GREENPACK of 48, with 1 extraction Tool	SRJHS-00*
[C]	Secure RJ Extraction Tool, pack of 1	SRJET-00*

* = Housing and extraction tool colors: Choose from the transparent colors shown in (C) above.

WATCH:
TRAINING
VIDEOS



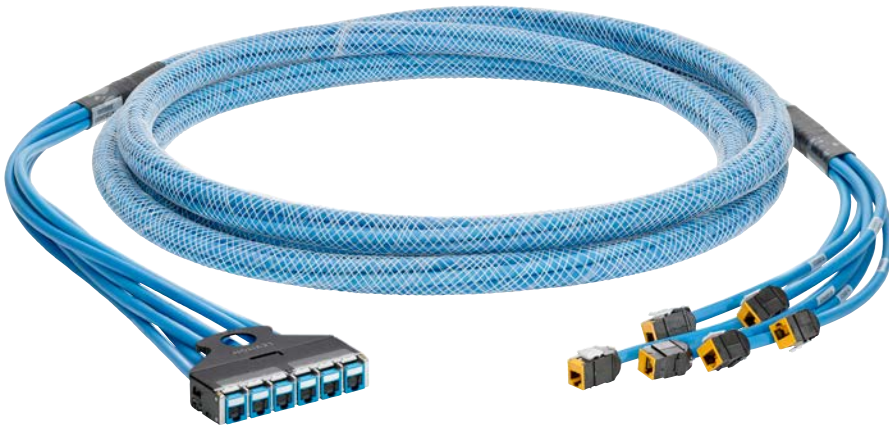
[Leviton.com/ns/videos](https://leviton.com/ns/videos)
“Secure RJ Copper Systems”
“Secure RJ Field Installation Demo”



PRE-TERMINATED TRUNKS | Make-to-Order

Pre-Terminated
Trunks

COPPER



UTP e2XHD to Jack



RECOMMENDED APPLICATIONS:

Data Center Cabinets

Telecommunications Racks

Quick Network Deployment

PRE-TERMINATED COPPER TRUNKS

- Custom configured for length, jack type, and more
- Fast and easy installation with reduced labor costs
- 100% factory tested, with test results available
- Cat 6A trunks all use component-rated jacks, which provide guaranteed performance in short lengths
- ATLAS-X1™ pre-terminated copper trunks provide the option of having jacks with shutters and/or icons
- Customized breakout length from braided sleeve improves installation flexibility and appearance
- Optional pulling eye protects jacks and eases installation
- Pre-terminated assemblies are eligible for limited lifetime product, system, and performance warranties
- SST cable for Cat 6A assemblies to reduce bundle size and improve alien crosstalk (AXT) suppression

Make-to-Order! PRE-TERMINATED COPPER TRUNK OPTIONS						
CABLE TYPE	CABLE RATING	# OF CABLES	CABLE LENGTH	CABLE COLOR*	INDIVIDUAL JACK COLOR	TERMINATION OPTIONS
Cat 6A SST	CMP, CMR	2-12	10-295 ft (3-90 m)	Blue	White, Light Almond, Ivory, Yellow, Orange, Crimson, Purple, Blue, Green, Gray, Black, Brown	Jack, Plug, Open
Cat 6A FTP	CMP, CMR			Gray	Black*	Jack, Open
Cat 6 UTP	CMP, CMR		6-295 ft (2-90 m)	Blue	White, Light Almond, Ivory, Yellow, Orange, Crimson, Purple, Blue, Green, Gray, Black, Brown	Jack, Plug, Open

* = Additional cable and shielded jack colors are available, but may require additional lead-time. Contact Inside Sales at (800) 722 2082 for more details.
Cat 6 UTP trunks available with ATLAS-X1 or EXTREME Jacks.
All trunks utilize solid conductor cable.

For assistance customizing your trunks, please visit Leviton.com/mto or call Tech Support at (800) 722 2082.

E2XHD COPPER TRUNKS

- e2XHD cassettes terminated to trunks in Cat 6A and Cat 6 work exclusively with e2XHD Flat or Angled patch panels (see page A6)
- Available with ATLAS-X1™ or EXTREME™ Jacks
- Custom configured for length, jack type, and more
- Fast and easy installation with reduced labor costs
- 100% factory tested, with test results available
- Cat 6A trunks all use component-rated jacks, which provide guaranteed performance in short lengths



Make-to-Order! e2XHD COPPER TRUNK ASSEMBLY OPTIONS						
CABLE TYPE	CABLE RATING	# OF CABLES	CABLE LENGTH	CABLE COLOR*	INDIVIDUAL JACK COLOR & CASSETTE JACK COLOR	TERMINATION OPTIONS
Cat 6A SST	CMP, CMR	6	10-295 ft (3-90 m)	Blue	White, Light Almond, Ivory, Yellow, Orange, Crimson, Purple, Blue, Green, Gray, Black, Brown	Jack, Plug, Open, Cassette
Cat 6A FTP	CMP, CMR			Gray		
Cat 6 UTP	CMP, CMR		6-295 ft (2-90 m)	Blue		

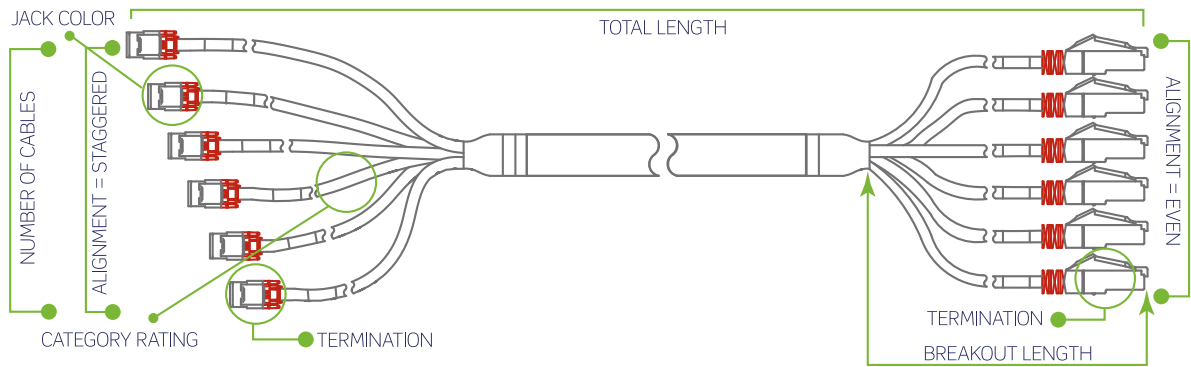
* = Additional cable colors are available, but may require additional lead-time. Contact Inside Sales at (800) 722 2082 for more details.
All trunks utilize solid conductor cable.

For assistance customizing your trunks, please visit Leviton.com/mto or call Tech Support at (800) 722 2082.

BREAKOUT & ALIGNMENT OPTIONS

Choose from five different alignments, or contact Tech Support at (800) 722 2082 to discuss options. e2XHD Copper Trunks will always have an even alignment on the cassette end(s). Different minimum breakout lengths apply.

	MINIMUM BREAKOUT LENGTHS	ALIGNMENT OPTIONS
Copper Trunks	• 12 cables = 24" minimum • 8 cables = 20" minimum • 6 cables = 18" minimum	• Even • Stagger cable 1 shortest • Stagger cable 1 longest • Stagger cable 1 and 2 shortest (plug) • Stagger cable 1 and 2 longest (plug)
e2XHD Copper Trunks	• Cat 6 = 6" minimum • Cat 6A = 24" minimum	• Even





SST CAT 6A U/UTP CABLES

- Industry leading performance in a small diameter
- Leviton Verified margins above 6A standard with 10 dB for PSANEXT and PSAACRF and 4 dB for ACRF and PSACRF; see details below
- Superior Speed Technology (SST) uses a specialized isolation wrap to protect data and dissipate heat for robust, real-world network performance
- Riser version supports extended channel distances up to 155 meters as part of an ATLAS-X1™ SST MILLENNIUM™ Channel
- FLX-1 jacket enhances flexibility for smooth installations (exclusively for plenum cables)
- Environmental Product Declarations (EPDs) available to help meet sustainability goals



RDT CAT 6A U/UTP CABLES

- Enhanced performance in a very small diameter of 0.230" CMP and 0.245" CMR, reduces pathway costs and speeds up installation
- Third-party verified to 8 dB margin PSANEXT and PSAACRF over Cat 6A standard; see details below
- Reduced Diameter Technology (RDT) uses a specialized isolation wrap to protect data and dissipate heat for robust, real-world network performance
- Fillerless design reduces waste and speeds up terminations, while the FLX-1 jacket (exclusively for plenum cables) enhances flexibility



RDT I/O CAT 6A U/UTP CABLE

- Enhanced performance in a very small diameter of 0.235" reduces pathway costs and speeds installation
- Dual ratings for Plenum and CMX Outdoor applications saves time and money by eliminating transition points between indoor and outdoor environments
- Features a ruggedized jacket with FLX-1 technology that provides protection from water ingress, sunlight, and hundreds of chemicals while enhancing flexibility for smooth installations
- Leviton Verified margins above 6A standard with 8 dB for PSANEXT and PSAACRF; see details below
- Reduced Diameter Technology (RDT) with isolation wrap realizes many of the benefits of a traditional shield without grounding and bonding
- The isolation wrap also helps to dissipate heat in PoE applications

[A] SST CAT 6A U/UTP CABLES

DESCRIPTION	WHITE	BLUE	GRAY	YELLOW	GREEN
SST Cat 6A U/UTP Cable, CMP, 1000 ft reel	11140401	11101842	11140402	11140403	11140404
SST Cat 6A U/UTP Cable, CMP, 1000 ft Reel in a Box	11140628	11140627	11140629	11140630	11140631
SST Cat 6A U/UTP Cable, CMR, 1000 ft reel	11140409	11104157	11140410	11140411	11140412
SST Cat 6A U/UTP Cable, CMR, 1000 ft Reel in a Box	11140640	11140639	11140641	11140642	11140643

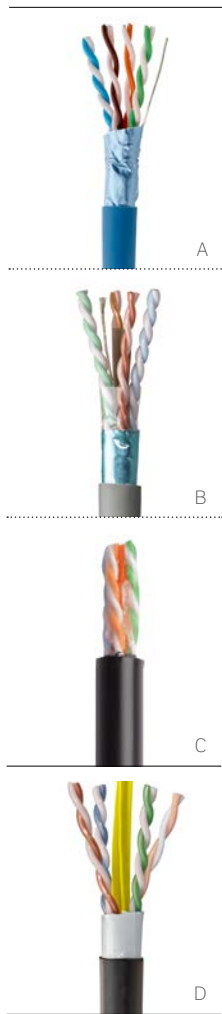
[B] RDT CAT 6A U/UTP CABLES

RDT Cat 6A U/UTP Cable, CMP, 1000 ft reel	11141651	11141650	11141959	11142234	11142235
RDT Cat 6A U/UTP Cable, CMP, 1000 ft TEKPAK™	11142628	11142454	11142571	11143774	11143775
RDT Cat 6A U/UTP Cable, CMR, 1000 ft reel	11143100	11142398	11142285	11143101	11143102
RDT Cat 6A U/UTP Cable, CMR, 1000 ft TEKPAK	11142629	11142455	11142608	11143323	11143322

[C] RDT I/O CAT 6A UTP CABLE

DESCRIPTION	BLACK
Cat 6A UTP Cable, CMP/CMX Outdoor, 1000 ft reel, black	11142753

Leviton Verified cables are tested by ETL in our Leviton Verified Program, and are tested against our guarantees—a higher benchmark than the applicable industry standard. Our guarantees are third-party verified, ensuring that every Leviton customer receives the maximum return on infrastructure investment.



FDT CAT 6A F/UTP CABLE

- Excellent performance in a very small diameter of 0.235"
- Leviton Verified to 20 dB margin PSANEXT and PSAACRF over Cat 6A standard; see page A23 for details
- Foil-reduced Diameter Technology (FDT) leverages a full shield to protect data in electrically noisy and/or high security environments
- 35% more cables in a tray saves on pathway costs and allows for the reuse of existing pathways in retrofit projects
- Fillerless design reduces waste and speeds up terminations, while the FLX-1 jacket (exclusively for plenum cables) enhances flexibility

LANMARK™-10G FTP CAT 6A F/UTP CABLES

- Standard Cat 6A performance
- Third-party verified to TIA Cat 6A standard
- Provides resistance to alien crosstalk and external noise and protects data in sensitive applications
- Environmental Product Declarations (EPDs) available to help meet sustainability goals

LANMARK-10G OSP CAT 6A U/UTP CABLES

- Usable bandwidth up to 500 MHz for multi-gigabit applications
- Fully water blocked and meets NEC requirement for wet locations, complies with ANSI/ICEA S-56-434 Outdoor use and ANSI/ICEA S-107-704 2012 PAR 8.2.1 Water Penetration
- Can be used to interconnect buildings or run beneath a slab in duct or conduit

SST OUTDOOR CAT 6A U/UTP CABLE

- Superior Speed Technology (SST) with a specialized isolation wrap to protect data and dissipate heat for robust, real-world network performance
- Outdoor rated, sunlight and weather resistant jacket enables outdoor connections without the hassle of water blocking gel
- Supports channel lengths up to 155 meters at cable temperatures up to 60° C when used in an ATLAS-X1™ SST MILLENNIUM™ System

[A] FDT CAT 6A F/UTP CABLES

DESCRIPTION	WHITE	BLUE	GRAY	YELLOW	GREEN	RED	VIOLET	BLACK
FDT Cat 6A F/UTP Cable, CMP, 1000 ft reel	11143337	11143338	11143339	11144174	11144173	11144171	11144172	11144176

[B] LANMARK-10G FTP CAT 6A F/UTP CABLES

DESCRIPTION	WHITE	BLUE	GRAY	YELLOW	GREEN
LANMARK-10G FTP Cat 6A F/UTP Cable, CMP, 1000 ft reel	10167485	10143424	10167487	10167488	10189246
LANMARK-10G FTP Cat 6A F/UTP Cable, CMR, 1000 ft reel	10189801	10189567	10189798	10189803	10189092

[C] LANMARK-10G OSP CAT 6A U/UTP CABLES

DESCRIPTION	BLACK
LANMARK-10G OSP Cat 6A U/UTP Cable, 1000 ft reel	11094458

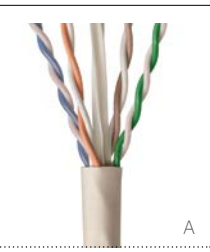
[D] SST OUTDOOR CAT 6A U/UTP CABLE

DESCRIPTION	BLACK
SST Outdoor Cat 6A U/UTP Cable, 1000 ft reel	11144215

Precision Twist Technology (PTT) is a proprietary Leviton technology that precisely controls variation in the cable's twist, unlocking greater headroom, superior crosstalk suppression, and peak Cat 6A performance in a much smaller form factor. PTT applies to all Cat 6A cables on A23-A24 excluding LANMARK.

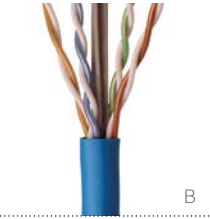
CANADA copper cables on page A27-A28.

CABLES | BERK-TEK™ Enhanced Cat 6 U/UTP & Cat 6 F/UTP



LANMARK™-2000 CAT 6 U/UTP CABLES

- Industry leading Cat 6 performance
- Leviton Verified to 10 dB margin NEXT and PSNEXT, 9 dB margin ACRF and PSACRF over Cat 6A standard; see page A23 for details
- Guaranteed performance to 500 MHz ensures robust network performance
- True multimedia cable designed to simultaneously handle voice, data, and power
- Unique ID in print legend allows cables to be traced without equipment



LANMARK-1000 CAT 6 U/UTP CABLES

- Enhanced Cat 6 performance
- Leviton Verified to 5 dB margin NEXT, PSNEXT, ACRF, and PSACRF over Cat 6 standard; see page A23 for details
- Guaranteed performance to 350 MHz for reliable 1Gbps network performance
- FLX-1 jacket enhances flexibility for smooth installations (exclusively for plenum cables)
- Available in SMARTPAK™ 1,500 ft boxes which reduce cable and cardboard scrap



LANMARK-6 FTP CAT 6 F/UTP CABLES

- Standard Cat 6 performance
- Third-party verified to TIA Cat 6 standard
- Construction provides resistance to external noise
- Environmental Product Declarations (EPDs) available to help meet sustainability goals

[A] LANMARK-2000 CAT 6 U/UTP CABLES

DESCRIPTION	WHITE	BLUE	GRAY	YELLOW	GREEN
LANMARK-2000 Cat 6 U/UTP Cable, CMP, 1000 ft reel	10167311	10163222	11094750	10167308	10170668
LANMARK-2000 Cat 6 U/UTP Cable, CMP, 1000 ft Reel in a Box	10167312	10163780	11098632	10167309	10170669
LANMARK-2000 Cat 6 U/UTP Cable, CMR, 1000 ft reel	10167480	10167476	11098648	10167482	10170687
LANMARK-2000 Cat 6 U/UTP Cable, CMR, 1000 ft Reel in a Box	10167481	10167477	11098633	10167483	10170688

[B] LANMARK-1000 CAT 6 U/UTP CABLES

LANMARK-1000 Cat 6 U/UTP Cable, CMP, 1500 ft SMARTPAK box (44 lbs)	11074738	11074694	11097255	11074894	11074895
LANMARK-1000 Cat 6 U/UTP Cable, CMP, 1000 ft TEKPAK™ box	10032092	10032094	11091087	10032090	10032097
LANMARK-1000 Cat 6 U/UTP Cable, CMR, 1500 ft SMARTPAK box (33 lbs)	11074740	11074701	11097256	11075010	11075011
LANMARK-1000 Cat 6 U/UTP Cable, CMR, 1000 ft TEKPAK box	10032459	10032455	11096490	10032461	10032479

[C] LANMARK-6 FTP CAT 6 F/UTP CABLES

DESCRIPTION	WHITE	BLUE	GRAY	YELLOW	GREEN
LANMARK-6 FTP Cat 6 F/UTP Cable, CMP, 1000 ft reel	10081255	10091131	10057903	10062608	10089751
LANMARK-6 FTP Cat 6 F/UTP Cable, CMR, 1000 ft reel	10122953	10122951	10070439	10090687	10107572

CANADA copper cables on page A27-A28.



LANMARK™-6 CAT 6 U/UTP CABLES

- Standard Cat 6 performance
- Third-party verified performance to TIA Cat 6 standard
- Unique ID in print legend allows cables to be traced without equipment
- Fillerless design for fast installations and less job site waste
- Available in TEKPAK™ boxes which feature TekLok™ patented interlocking tabs to keep box stacks stable

STADION OSP CAT 6 U/UTP CABLE

- 22 AWG copper conductors
- Supports 1000BASE-T and 100 W PoE up to 225 meters plug-to-plug
- Supports power and data up to 200 meters in PARADIGM Systems in real-world conditions
- Fully water blocked and meets NEC requirement for wet locations
- Sunlight and weather-resistant jacket keeps networks working in harsh environments

LANMARK-6 OSP CAT 6 U/UTP CABLES

- Standard Cat 6 performance
- Fully water blocked and meets NEC requirement for wet locations
- Can be used to interconnect buildings or can be run beneath a slab in duct or conduit

HYPER PLUS 5E CAT 5E U/UTP CABLES

- Standard Cat 5e performance
- Small OD for easy installation

HYPER PLUS 5E OSP CAT 5E U/UTP CABLES

- Standard Cat 5e performance
- Fully water blocked and meets NEC requirement for wet locations
- Can be used to interconnect buildings or can be run beneath a slab in duct or conduit

[A] LANMARK-6 CAT 6 U/UTP CABLES

DESCRIPTION	WHITE	BLUE	GRAY	YELLOW	GREEN
LANMARK-6 Cat 6 U/UTP Cable, CMP, 1500 ft SMARTPAK™ box (44 lbs)	11074742	11074702	11094952	11074893	11074897
LANMARK-6 Cat 6 U/UTP Cable, CMP, 1000 ft TEKPAK box	10136230	10136226	11091258	10136749	10136748
LANMARK-6 Cat 6 U/UTP Cable, CMR, 1500 ft SMARTPAK box (33 lbs)	11074744	11074703	11094953	11074906	11074907
LANMARK-6 Cat 6 U/UTP Cable, CMR, 1000 ft TEKPAK box	10136340	10136339	11091257	10136753	10136752

[B] STADION OSP CAT 6 U/UTP CABLES

DESCRIPTION
Stadion OSP Cat 6 U/UTP Cable, 1000 ft reel

[C] LANMARK-6 OSP CAT 6 U/UTP CABLES

DESCRIPTION	BLACK
LANMARK-6 OSP Cat 6 U/UTP Cable, 1000 ft reel	11144870

[D] HYPER PLUS 5E CAT 5E U/UTP CABLES

Hyper Plus 5e Cat 5e U/UTP Cable, CMP, 1000 ft reel	10032222	10032226	10032206	10032234	10032231
Hyper Plus 5e Cat 5e U/UTP Cable, CMP, 1000 ft TEKPAK box	10032223	10032227	10032207	10032235	10032232

[E] HYPER PLUS 5E OSP CAT 5E U/UTP CABLES

DESCRIPTION	BLACK
Hyper Plus 5e OSP CAT 5e U/UTP Cable, 1000 ft reel	10071496

BERK-TEK

+1 (800) 237 5835 | infoUSA@leviton.com

CANADA copper cables on page A27-A28.

CABLES | Cat 6A U/UTP (Canada)



CAT 6A U/UTP CABLES

- Reduced CMP cable size of 6.35 mm is up to 8% nominal reduction versus industry average of 6.99 mm
- Supports high-density applications such as data center environments
- Improved pathway space and fill ratios - 15% increase in number of cables per tray versus average 6.99 mm size cable
- Small diameter improves operational airflow and cooling in congested pathways and a smaller bend radius in tight spaces
- Reduced cable weight causes less strain on pathways and improves ease of installation
- Complies with ANSI/TIA-568.2-D, UL 444, UL C22.2 No. 214-02, EU Directive 2014/35/EC (Low Voltage), and RoHS
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities



[A] CAT 6A U/UTP CABLES (CANADA)

DESCRIPTION	WHITE	BLUE	GRAY	YELLOW	GREEN
Cat 6A U/UTP Cable, CMP, 305 meter reel	IUTAP-MWS	IUTAP-MLS	—	IUTAP-MYS	—



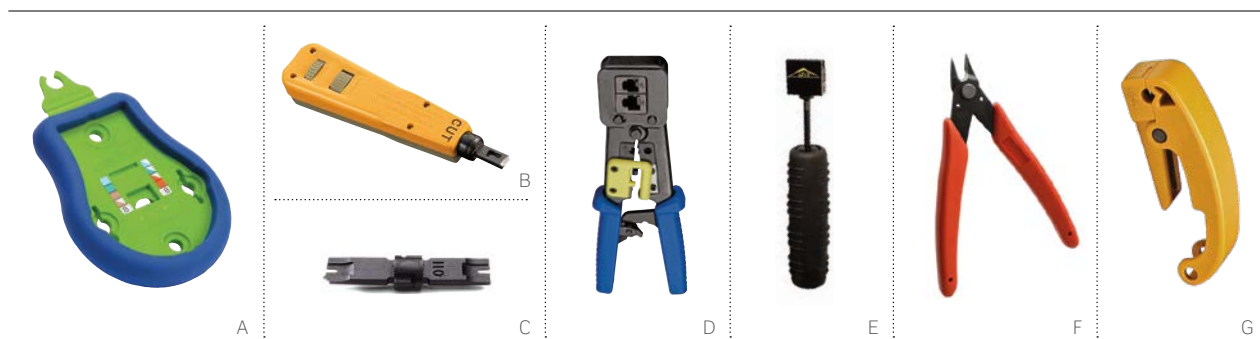
CAT 6 U/UTP CABLES

- Cost-effective, entry-level Category 6 solution
- Complies with ANSI/TIA-568.2-D, UL 444, UL C22.2 No. 214-02, ISO/IEC 11801 2nd Edition, EU Directive 2014/35/EC (Low Voltage), and 2011/65/EU (RoHS)
- Supports Power over Ethernet (PoE) — see specification sheets for full PoE capabilities



[A] CAT 6 U/UTP CABLES (CANADA)		
DESCRIPTION	WHITE	BLUE
Cat 6 24 AWG U/UTP Cable, CMP, 305 meter Reel in a Box	UTP6P-MWB	UTP6P-MLB
Cat 6 U/UTP Cable, CMR, 305 meter Reel in a Box	UTP6R-MWB	UTP6R-MLB

COPPER TOOLS & LABELING | Tools



PALM TERMINATION TOOL

- Jack holders provide stability for punchdown
- Incorporated retainer supports cable during termination
- Integrated holes allow rack-mounting of the Palm Tool for patch panel terminations
- Compatible with EXTREME™, GIGAMAX™, and AV QUICKPORT™ jacks

WIRE-PUNCHDOWN / TERMINATION TOOL

- Punches and trims each wire with just a single push of the handle
- Adjustable impact setting for minimal physical effort
- Spare blade storage in handle chamber
- Terminate 22-, 24-, or 26-gauge wire

EZ-RJ45® CRIMP TOOL

- Built-in cutter and stripper that crimps and cuts wire
- Accommodates EZ-RJ45 plugs, and most standard RJ-45 and RJ-11 plugs

MULTI-PAIR TERMINATION TOOL

- Designed for 110-style wiring blocks
- High-impact, spring-loaded handle for one-punch termination of multiple pairs
- “Blade-in” and “blade-out” options
- Includes 4-pair, Cat 6 head
- Cat 6 head available individually

CUTTING TOOLS

- Klein Tools Flush Cutter neatly trims individual cable wires flush to jack body to prevent shorts in metal housings (recommended for ATLAS-X1™ Jacks)
- The Cat 5e/6 Cable Jacket Stripper is designed to strip Category 5e and 6 Twisted Pair cables with diameters of 0.180” to 0.250” (4.5 mm to 6.3 mm) and is ideal for Unshielded Twisted Pair (UTP) cable constructions

TERMINATION TOOLS & BLADES

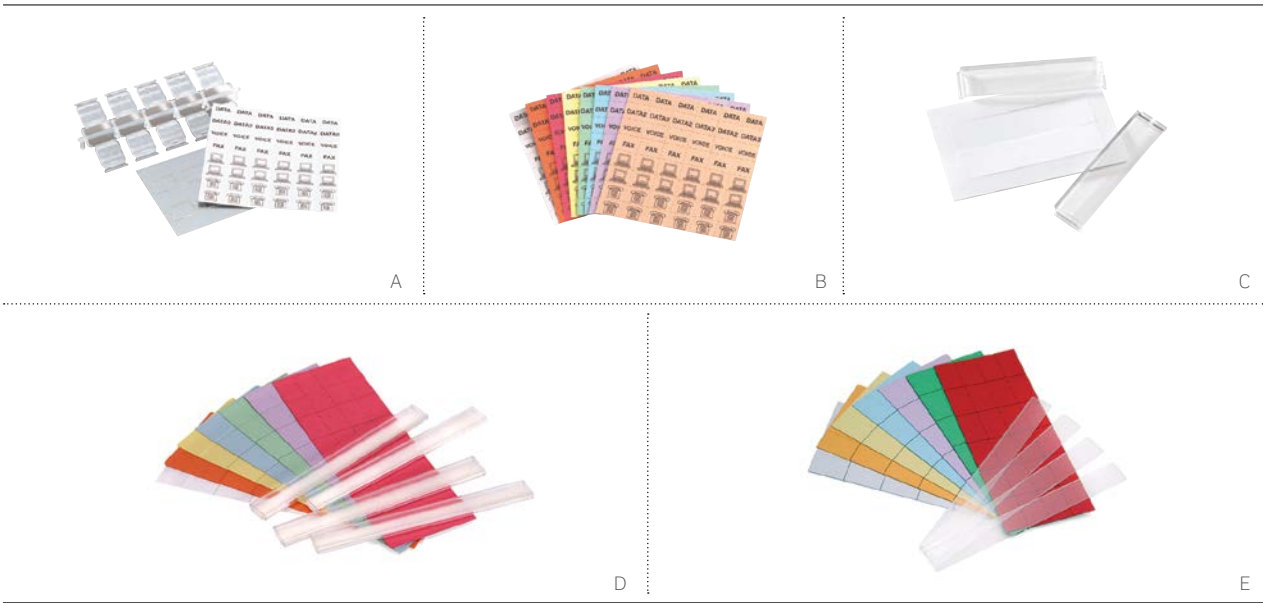
DESCRIPTION	PART NO.
[A] Palm Termination Tool	47615-PTT
[B] Wire-Punchdown/Termination Tool (blades sold separately)	49553-814
[C] 110 IDC Blade	49553-110
[D] EZ-RJ45 Crimp Tool	40989-ACT

MULTI-PAIR TERMINATION TOOLS & ACCESSORIES

[E] Mass-Termination Multi-Pair Tool Handle with Cat 6, 4-pair head	49553-TTH
Mass-Termination Replacement Head, Cat 6, 4 pair	49553-64H
Mass-Termination Replacement Head, Cat 5e, 5-pair	49553-55H

CUTTING TOOLS

[F] Klein Tools Flush Cutter (must be ordered in increments of 5)	49886-FCS
[G] Cat 5e/6 Cable Jacket Stripper	49660-00P

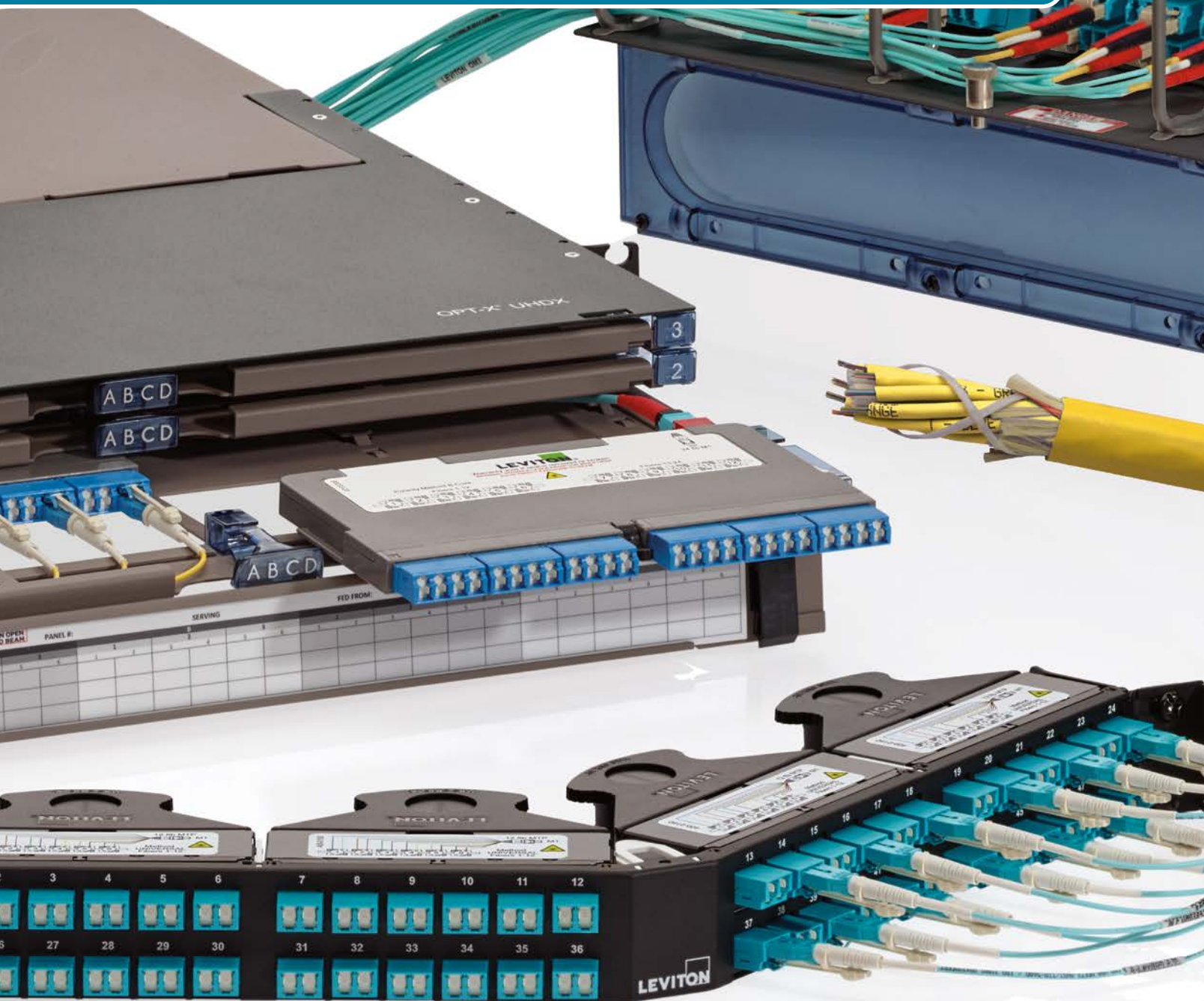


PATCH PANEL LABELING SOLUTIONS

- Universal/110-style labeling kits for 12-, 24-, 48-, and 96-port panels
- QUICKPORT™ kits available for 24- and 48-port panels
- Label holders include adhesive backing

WORK AREA LABELING SOLUTIONS	
DESCRIPTION	PART NO.
[A] QUICKPORT Shutter Kit (50 shutters)	51084-ICN
[B] Color Label Kit includes gray, orange, red, yellow, green, blue, purple, and brown (2 sheets of each color)	51084-CLB
[C] Labels and Windows for Housings and Wallplates (see page C6)	41080-IDW
Labels and Windows for Stainless-Steel and Angled Wallplates (see pages C7-C8)	43080-IDW
Pre-printed Port Labels, black ink, 10 sheets per package	41080-LEB
PATCH PANEL LABELING SOLUTIONS	
[D] Adhesive Holder and Labels Kit for QUICKPORT Panels (supports 24 ports)	49257-QHD
[E] Designation Kit Replacement for 110-Style Panels (supports 24 ports)	69585-IDL

FIBER SOLUTIONS



SECTION B CONTENTS

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SDX PLATFORM	B8	2000i & 1000i Rack-Mount Enclosures
	B9	500i Rack-Mount Enclosures
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e2XHD SNAP-IN CASSETTE PATCHING PLATFORM	B17	Panels, Cable Managers, Covers & Tools
	B18	Cassettes

LIGHTSPACE™ PLATFORM	B19	Rack Mount
	B20	Wall Mount
	B21	Adapter Plates
	B22	Splice Trays, Sleeves & Enclosure Accessories

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	B24	Trunk Cables > OPT-X™ Unity Ultra Low Loss
	B25	Trunk Cables > OPT-X Engage Low Loss
	B26	Array Harnesses > OPT-X Unity Ultra Low Loss
	B27	Harnesses > OPT-X Engage Low Loss
	B28	Array Cords > OPT-X Unity Ultra Low Loss
	B29	Array Cords > OPT-X Engage Low Loss
	B30	Patch Cords & Pigtails > Premium Plus
	B31	Patch Cords > Economy
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OPTICAL CABLES	B33	BERK-TEK™ Tight Buffered
	B36	Fiber Optic Cable Part Numbering
	B37	BERK-TEK™ Loose Tube
	B41	BERK-TEK™ Ribbon
	B43	BERK-TEK™ Hybrid
	B44	BERK-TEK™ Armored

CONNECTORS & ADAPTERS	B45	FASTSPICE™ Connectors
	B46	FASTCAM™ Connectors
	B47	FAST-CURE™ Connectors & QUICKPORT Adapters
	B48	Fiber Optic Breakout Kits

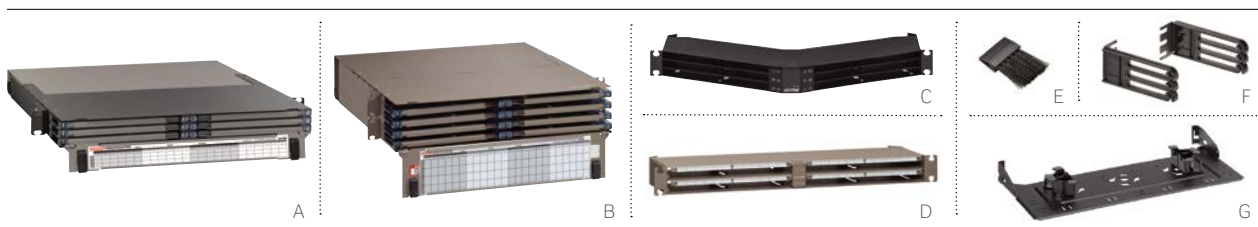
TOOLS & CONSUMABLES	B49	Fiber Optic Tool Kits
	B51	Fiber Optic Tools
	B52	Consumable Products & Kits

Learn about our OPT-X™ global fiber systems at Leviton.com/opt-x.

For information on our BABA- and BEAD-compliant products, contact Customer Service.

The terms MTP® and MPO are used interchangeably throughout Leviton documentation and refer to industry standard 8, 12, 16, and 24 fiber Multi-fiber Push On parallel fiber optic connectors. All MTP/MPO connectors utilized by Leviton meet the intermateability and performance standards detailed in TIA-604-5, FOCIS-5 (MPO), and TIA-604-18, FOCIS-18 (MPO 16). Leviton uses the US Conec MTP brand of MPO connectors as well as others to meet the needs of our clients.

HDX PLATFORM | Enclosures, Panels & Accessories



UHDH & HDX RACK-MOUNT ENCLOSURES & PANELS

- Enclosures and panels accept Leviton HDX Adapter Plates, Cassettes, and Splice Modules
- 1RU flat and angled panels allow open access to patch cords and trunks
- Angled panels eliminate the need for horizontal patch cord cable managers
- HDX Panels with magnifying lens provide detailed Port ID labeling of network
- Individual sliding trays in enclosures allow easy access to fiber connectors in dense applications
- Hinged front enclosure doors provide easy means to install, remove, and update port ID labels

ACCESSORIES

- Cable clamp kits minimize excessive pulling, bending, and crushing
- Brush guards minimize dust buildup in rear of enclosure
- Rear cable manager (sold separately) supports fiber cables and snaps directly into panels without tools
- 1RU and 2RU cable managers provide protection and routing of patch cords for flat panels
- 0RU cable managers provide protection and routing of patch cords for flat and angled panels

RECOMMENDED APPLICATIONS:

Data Centers

Entrance Facilities

19" and 23" Racks and Cabinets

Overhead Patching Above Cabinets

UHDH & HDX RACK-MOUNT ENCLOSURES & PANELS

DESCRIPTION	MAXIMUM CAPACITY						PART NO.
	FIBERS (USING LC)	FIBERS (USING 24F MPO)	ADAPTER PLATES	SPLICE MODULES	OR	MPO CASSETTES*	
[A] UHDH 1RU Enclosure, empty	144	1,728	12	12		12/6	5R1UD-S12
UHDH 2RU Enclosure, empty	288	3,456	24	24		24/12	5R2UD-S24
UHDH 4RU Enclosure, empty	576	6,912	48	48		48/24	5R4UD-S48
HDX 1RU Enclosure, empty	96	1,152	8	8		8/4	5R1UD-S08
[B] HDX 2RU Enclosure, empty	192	2,304	16	16		16/8	5R2UD-S16
HDX 3RU Enclosure, empty	288	3,456	24	24		24/12	5R3UD-S24
HDX 4RU Enclosure, empty	384	4,608	32	32		32/16	5R4UD-S32
[C] UHDH 1RU Angled Panel, empty	144	1,728	12	12		12/6	HDX1A-144
UHDH 1RU Flat Panel, empty	144	1,728	12	12		12/6	HDX1F-144
HDX 1RU Angled Panel, empty	96	1,152	8	8		8/4	HDX1U-A96
[D] HDX 1RU Flat Panel, empty	96	1,152	8	8		8/4	HDX1U-F96

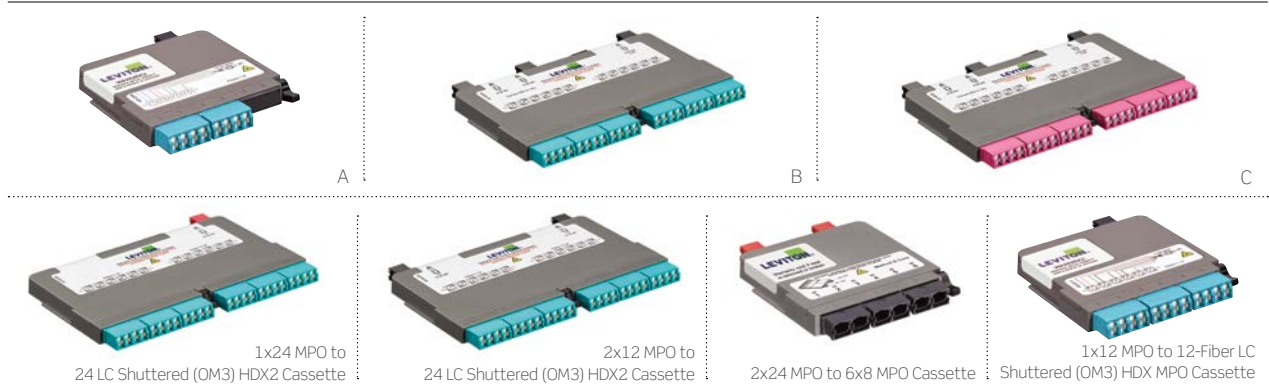
ACCESSORIES

Universal Clamp Kit, Single Cable Grommet (mounts to enclosure or rear cable manager)	5RCMP-KIT
Universal Clamp Kit, Multiple Cable Grommet (mounts to enclosure or rear cable manager)	5RCMP-KT2
Universal Clamp Kit, Single and Multiple Cable Grommet (for rack mounting)	5RCMR-KIT
[E] 1RU Brush Guard, bag of 2	5RBSH-1UN
2RU Brush Guard, bag of 2	5RBSH-2UN
[F] 0RU Universal Patch Cord Cable Manager, bag of 2	5RCMT-VFG
1RU Universal Patch Cord Cable Manager (includes 0RU cable manager)	5R1UX-CMT
2RU Universal Patch Cord Cable Manager (includes 0RU cable manager)	5R2UX-CMT
23" Rack-Mount Ears, bag of 2	5REAR-023
[G] Rear Cable Manager for Angled Panel, with cable management rings	E2XHD-CMB

* = Density varies if using HDX or HDX2 MPO Cassettes.

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

HDX PLATFORM | MPO & Conversion Cassettes



HDX & HDX2 MPO CASSETTES

- Easy to migrate from 10 to 40, 100, 200, and 400 Gb/s when used with OPT-X™ Unity Ultra Low Loss trunks, harnesses, and patch cords
- Configure up to 48 fibers for 24 channels (10 Gb/s) and 6 channels (40 Gb/s or 100 Gb/s)
- Available in Base 8, Base 12, and Base 24 MPO options for optimal network flexibility
- Universal polarity design works in conjunction with Method B trunks
- LC internal shutters minimize dust and provide eye protection

HDX2 & HDX CONVERSION CASSETTES

- Manage polarity to maintain, transmit, and receive connections between parallel optics and SFP connectivity
- Connect to electronics with LC-style ports and aggregate SFP ports to a QSFP28 or PSM4 (100 Gb/s), QSFP+ (40 Gb/s), or CXP (120 Gb/s) port
- Available in 4:1, 10:1 and 12:1 ratios to support multiple conversion requirements



HDX2 & HDX CONVERSION CASSETTES

DESCRIPTION	OM3 (AQUA)	OM4 (AQUA)	OM4 (HEATHER VIOLET)	OS2 (BLUE)
8-Fiber, MPO to LC shuttered, (100 to 25 Gb/s, 40 to 10 Gb/s)	38LSM1-41C	[A] 48LSM1-41C	48GSM1-41C	U8LSM1-41C
24-Fiber, 3x8-Fiber MPO to LC shuttered, (100 to 25 Gb/s, 40 to 10 Gb/s)	32LSM1-41C	[B] 42LSM1-41C	[C] 42GSM1-41C	U2LSM1-41C
24-Fiber, 1x24-Fiber MPO to LC shuttered, (120 to 10 Gb/s)	32LSM2-21C	42LSM2-21C	42GSM2-21C	U2LSM2-21C

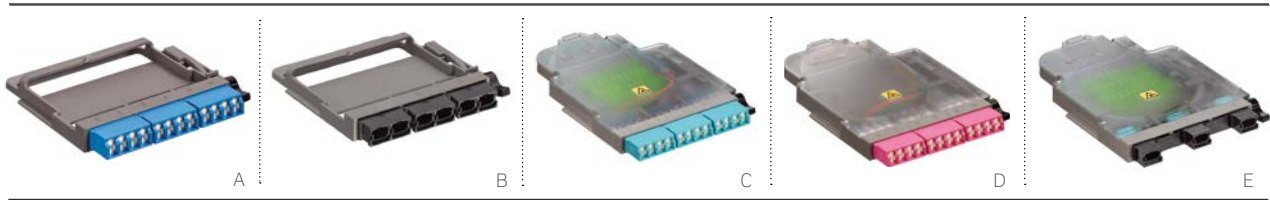
Make-to-Order! HDX/HDX2 CASSETTE OPTIONS

FIBER TYPE	FIBER COUNT	CONNECTOR TYPE (FRONT)	MPO TYPE (REAR)	POLARITY
• OM3	• 8	• LC Shuttered	• 8F MPO (male) Base 8	• Method A
• OM4	• 12	• 8F MPO (male)	• 8F MPO (female) Base 8	• Method C
• OM5	• 24	• 8F MPO (female)	• 12F MPO (male) Base 12	• Conversion
• OS2	• 48		• 12F MPO (female) Base 12	• Universal
			• 24F MPO (male) Base 24	
			• 24F MPO (female) Base 24	

For MPO Universal Polarity, you must connect to Method B trunks.
The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

For assistance customizing your cassettes, visit Leviton.com/MTO or call Tech Support.

HDX PLATFORM | Adapter Plates & Splice Modules



HDX ADAPTER PLATES

- Connect to field-terminated backbone cabling or pre-terminated trunks
- Visible sequential numbering to identify ports (for Tx and Rx)

HDX LC & MPO SPLICE MODULES

- Modules integrate fiber adapter bulkhead (12 or 36 fibers) and splice holders, eliminating need for splice trays
- Innovative 12-fiber color-coded pigtail offers fusion splicing to either single fiber or ribbon fiber constructions
- LC internal shutters minimize dust and provide eye protection
- Splice sleeves included with module in accessory kit
- MPO Splice Module offers field termination option to migrate from 10 to 40, 100, 200 or 400 Gb/s



HDX ADAPTER PLATES	
DESCRIPTION	PART NO.
12-Fiber, OM3 & OM4, Quad LC, aqua, shuttered, zirconia ceramic sleeve	5FUHD-SQL
12-fiber OM4, Quad LC, heather violet, shuttered, zirconia ceramic sleeve	5FUHD-SML
12-Fiber, OM5, Quad LC, lime green, shuttered, zirconia ceramic sleeve	5FUHD-S5L
[A] 12-Fiber, OS2, Quad LC, blue, shuttered, zirconia ceramic sleeve	5FUHD-SLL
3 Duplex MPO Adapters, black, key up/key up	5FUHD-6MB
[B] 3 Duplex MPO Adapters, black, key up/key down	5FUHD-6MP
3 Duplex MPO16 Adapters, green, key up/key down	5FUHD-66P
Blank, black	5FUHD-BLK
HDX FIBER SPLICE MODULES*	
[C] 12-Fiber, OM4 LC, aqua, shuttered, zirconia ceramic sleeve	SPLCH-12AQ
[D] 12-Fiber, OM4 LC, heather violet, shuttered, zirconia ceramic sleeve (EMEA)	SPLCH-12HV
12-Fiber, OM5 LC, lime green, shuttered, zirconia ceramic sleeve	SPLCH-12LG
12-Fiber, OS2 LC, blue, shuttered, zirconia ceramic sleeve	SPLCH-12BL
12-Fiber, OS2 LC/APC, green, shuttered, zirconia ceramic sleeve	SPLCH-12GN
[E] 36-Fiber, OM4 MPO, male, zirconia ceramic sleeve	SPMPH-MMPN
36-Fiber, OS2 MPO, male, zirconia ceramic sleeve	SPMPH-SMPN
36-Fiber, OM4 MPO, female, zirconia ceramic sleeve	SPMPH-MMUP
36-Fiber, OS2 MPO, female, zirconia ceramic sleeve	SPMPH-SMUP

Non-shuttered LC HDX splice modules are also available.
The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

For assistance customizing your splice modules, visit Leviton.com/MTO or call Tech Support.



INDUSTRY-LEADING DENSITY

One HDX Frame holds up to 22 patch decks and occupies only one 2 x 2-foot floor tile.

BUILT-IN CABLE MANAGEMENT & ROUTING

The frame keeps pathways clean and organized, using integrated cable management for minimum bend radius, better slack storage, and protection within the frame.

SUPERIOR SCALABILITY

HDX frames can be ganged together to handle future growth with easy pass-through cross-frame routing kits. And with 24-fiber MPO connectivity, they are ideal for migration from 10 to 40 to 100 Gb/s and beyond.

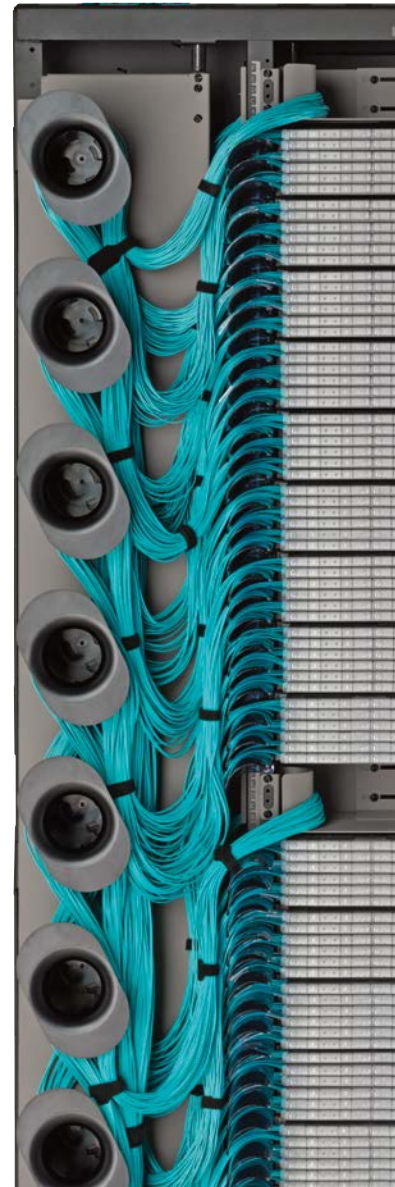
EASY ACCESSIBILITY

The frame's open design greatly reduces time and labor for maintenance, as it allows unobstructed access to patch cord connections. The one-tile footprint makes it easier to access the space beneath a raised floor.

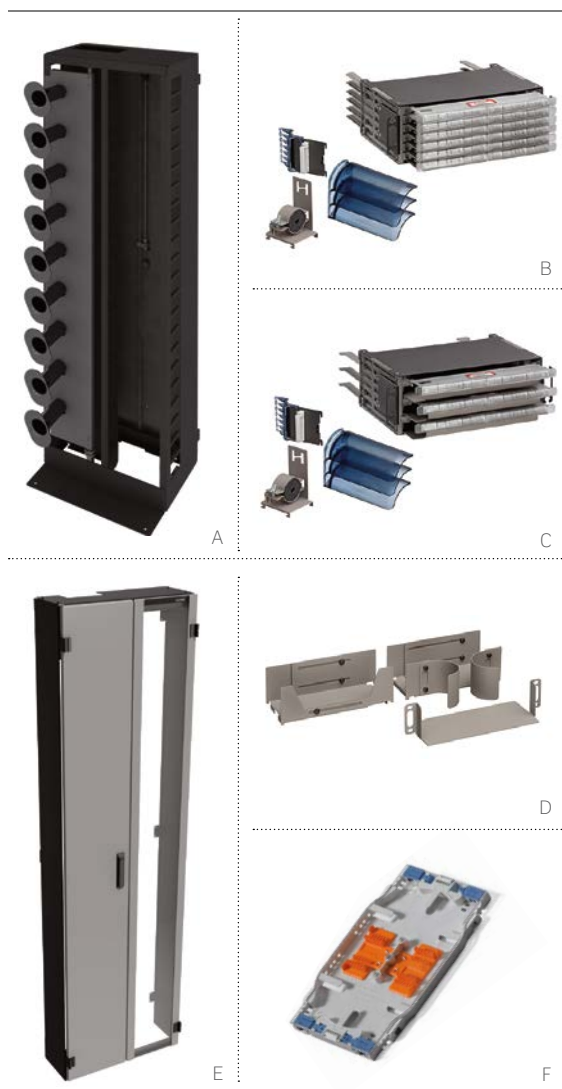
HDX FRAME CAPACITY CHART

CONNECTIVITY	MAX. FIBER STRANDS FOR PRE-TERMINATED TRUNKS	MAX. FIBER PATCHING & SPLICING	MAX FIBER FUSION SPLICING
LC	3,168	3,168	N/A
SC	1,584	0	N/A
12-Fiber MPO	7,776	9,504	N/A
24-Fiber MPO	15,552	0	N/A
Single Fiber	N/A	N/A	3,168
Ribbon Fiber	N/A	N/A	9,504

See page B4-B5 for HDX cassettes, splice modules, and adapter plates.



HDX PLATFORM | Frame, Patch & Splice Decks



HDX FIBER OPTIC DISTRIBUTION FRAME (3,168 CAPACITY)

- Integrated cable management and routing solutions for minimum bend radius, better slack storage, and protection
- Holds up to 22 patch and/or splice decks
- Lockable rear doors included to protect and conceal trunk cabling
- Optional front door kit (sold separately) with transparent door is lockable for additional security
- Occupies only one 2 x 2-foot tile
- Seismic rated to GR-63-CORE, Zone 4, UL 2046 listed

PATCH DECK

- Accepts HDX adapter plates, cassettes, and splice modules
- 2RU height for up to 144 fibers (using LC) capacity
- Holds 6 independent sliding trays and accepts up to 12 HDX or 6 HDX2 adapter plates, cassettes, or splice modules
- Magnifying port identification label holders for better visibility
- Integrated minimum bend radius protection
- Trays are removable from the front or rear

SPLICE DECK

- Modular 3.5-inch-high deck accepts up to three independent splice deck trays
- Sliding trays are removable for ease of splicing
- Heat-shrink fusion splicing of individual 250 μ m or 900 μ m tight buffered fibers or mass fusion ribbon splicing for up to 144 fibers or 432 fibers respectively per deck
- Each tray accepts up to two 24-fiber molded or 72-fiber ribbon splice trays
- Sliding trays are removable from the front or rear for ease of splicing

HDX FIBER OPTIC FRAME PLATFORM

DESCRIPTION	PART NO.
[A] HDX Fiber Optic Distribution Frame, 7' H x 2' W x 2' D	F3168-22F
[B] 2RU Patch Deck, empty (includes front/rear cable management and cable clamp kit)	F3168-DCK
[C] 2RU Splice Deck, empty (includes Hook & Loop Fasteners, front/rear cable management, and cable clamp kit)	F3168-SPD
[D] Cross-Frame Routing Kit	F3168-CFR
[E] Front Door Kit	F3168-FDR
Cable Clamp Kit, single-cable grommet	F3168-CCK
2RU Blank Panel	F3168-BLK

24-FIBER SPLICE TRAY

[F] 24-Fiber Heat-Shrink-Style Molded Splice Tray (includes 60 mm splice sleeves)	T5PLS-24F
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For assistance designing your HDX frame system, call Tech Support.



2000i SDX 1RU/2RU/4RU RACK-MOUNT ENCLOSURES

- Accepts SDX adapter plates, splice trays, and splice modules (pages B11-B14)
- Constructed of durable polycarbonate plastic and black or white powder-coated 16 AWG steel
- Removable transparent hinged doors
- Sliding tray provides accessibility to front and rear of bulkhead after installation, and removes completely to facilitate field terminations and splicing
- 17-inch depth for high-density fiber termination and/or splicing
- Stackable and adjustable fiber rings simplify cable management
- 1RU and 2RU accept the HDX Retrofit Tray (sold separately) for higher-density applications using HDX MPO Cassettes and Adapter Plates

RECOMMENDED APPLICATIONS:

Data Centers

Equipment Rooms

Entrance Facilities

Telecommunications Rooms

19" Racks and Cabinets

1000i SDX 1RU/2RU/3RU/4RU RACK-MOUNT ENCLOSURES

- Accepts SDX adapter plates, splice trays, and splice modules (pages B11-B14)
- Sliding tray in 1RU and 2RU removes completely for easy field terminations and splicing
- 15-inch depth for high-density fiber termination and/or splicing
- Enclosures protrude 4.5 inches from mounting ears to align with VERSI-DUCT™ Cable Management System
- Included accessory kit consists of cable ties, mounting ear screws, and port ID label
- 1RU and 2RU accept the HDX Retrofit Tray (sold separately) for higher-density applications using HDX MPO Cassettes

RECOMMENDED APPLICATIONS:

Equipment Rooms

Telecommunications Rooms

19" Racks and Cabinets

2000i SDX RACK-MOUNT ENCLOSURES

DESCRIPTION	MAXIMUM CAPACITY							PART NO.
	FIBERS (USING LC)	ADAPTER PLATES	AND	SPLICE TRAYS*	SINGLE FIBER	RIBBON FIBER	OR MPO CASSETTES / SPLICE MODULES	
[A] 1RU, empty, sliding tray	72	3		3	72	216	3	5R1UH-x03
[B] 2RU, empty, sliding tray	144	6		6	144	432	6	5R2UH-x06
[C] 4RU, empty, sliding tray	288	12		12	288	864	12	5R4UH-x12

1000i SDX RACK-MOUNT ENCLOSURES

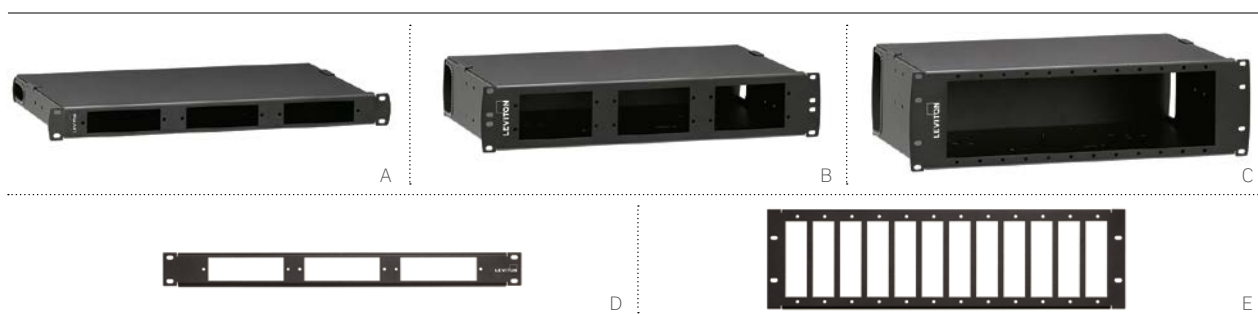
1RU, empty	72	3		3	72	216	3	5R1UM-F03
[D] 1RU, empty, sliding tray	72	3		3	72	216	3	5R1UM-S03
2RU, empty	144	6		6	144	432	6	5R2UM-F06
2RU, empty, sliding tray	144	6		6	144	432	6	5R2UM-S06
3RU, empty, horizontal^	216	9		12	288	864	9	5R3UM-F09
[E] 3RU, empty, vertical°	288	12		12	288	864	12	5R3UM-F12
4RU, empty, vertical°	288	12		12	288	864	12	5R4UM-F12
4RU, empty, horizontal^	360	15		12	288	864	15	5R4UM-F15

* = Maximum splice tray capacity is limited by height of selected splice tray. Installation of multiple splice trays may require not installing tray covers.

x = Color: Black (S), White (W) ° = Vertical adapter plate/cassette orientation ^ = Horizontal adapter plate/cassette orientation

See pages B11-B14 for list of SDX adapter plates, cassettes and modules.

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.



500i SDX FLUSH-MOUNT RACK ENCLOSURES

- Accepts SDX adapter plates, MPO cassettes, splice trays, and splice modules (page B11-B14)
- Flush-mount adapter bulkhead makes moves, adds, and changes easy
- One-piece removable cover allows for complete accessibility to the back of the enclosure
- Accepts injection-molded splice trays and 4-inch x 7-inch metal splice trays
- Enclosure can store up to 3 meters of 900 μ m tight buffered fiber per adapter
- Included accessory kit consists of cable ties, mounting-ear screws, and port ID label
- Optional add-on patch cord cable management tray (sold separately) uses existing rack unit

RECOMMENDED APPLICATIONS:

Equipment Rooms

Telecommunications Rooms

19" Racks and Cabinets

500i SDX RACK-MOUNT ENCLOSURES

DESCRIPTION	MAXIMUM CAPACITY							PART NO.
	FIBERS (USING LC)	ADAPTER PLATES	AND	SPLICE TRAYS*	SINGLE FIBER	RIBBON FIBER	OR MPO CASSETTES / SPLICE MODULES	
[A] 1RU, empty	72	3		3	72	216	3	5R1UL-F03
[B] 2RU, empty	144	6		6	144	432	6	5R2UL-F06
[C] 3RU, empty	288	12		12	288	864	12	5R3UL-F12
[D] 1RU, empty	72	3		N/A	N/A	N/A	3	5R1UE-OPX
[E] 3RU, empty	288	12		N/A	N/A	N/A	12	5R3UE-OPX

* = Maximum splice tray capacity is limited by height of selected splice tray. Installation of multiple splice trays may require not installing tray covers.

See pages B11-B14 for list of SDX adapter plates, cassettes and modules.

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.



1RU 500i SDX Enclosure
with ORU Patch Cord Managers
(SRCMT-VFG)



SDX WALL-MOUNT ENCLOSURES

- Locking doors and dual-door access to separate user and service sides (locks sold separately)
- Cable and cord protection simplifies dress-out and protects damage/pinching
- Field splicing options include both splice trays and self-contained splice modules
- Mini mounting options: wall-mount, DIN rail, zero-RU, ganging, or cubicle wall installations
- Large size can be retrofitted to allow for up to 576 single fiber fusion splicing or up to 1,728 ribbon mass fusion splicing
- Optional adapter allows enclosures to accommodate both Leviton SDX and HDX patching platforms
- Accepts 6 copper ports using QUICKPORT™ Adapter Plate, 5F100-6QP

RECOMMENDED APPLICATIONS:

- Telecommunications Rooms
- Equipment Rooms
- FTTD
- ORU

DESCRIPTION	MAXIMUM CAPACITY							PART NO.
	FIBERS (USING LC)	ADAPTER PLATES	AND	SPLICE TRAYS*	SINGLE FIBER	RIBBON FIBER	OR MPO CASSETTES / SPLICE MODULES	
[A] Mini, empty, single door, no lock	24	1		N/A	24	0	1†	5WMNT-01x
[B] Small, empty, dual doors, no lock	48	2		2	48	144	2	5WSML-02x
[C] Medium, empty, dual doors, no lock	96	4		4	96	288	4	5WMED-04x
[D] Large, empty, dual doors, no lock	288 (576 when used as splicing only enclosure)	12		12	576	1,728	12	5WLRG-12x

* = Maximum splice tray capacity is limited by height of selected splice tray. Installation of multiple splice trays may require not installing tray covers.
† = Mini accepts a MPO cassette but not a Splice Module.
x = Color: Black (C), White (W)
The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

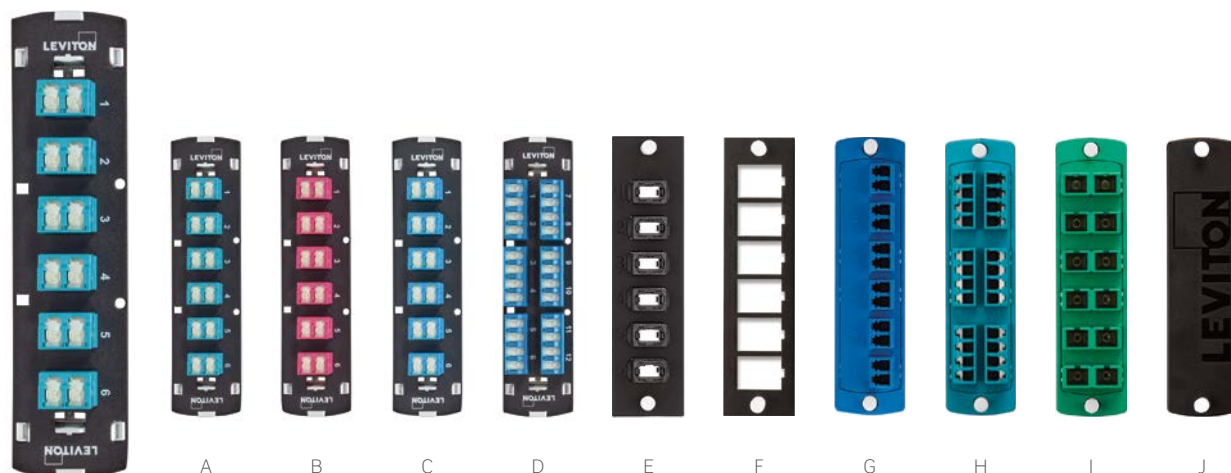
See page B12 for list of SDX adapter plates.



Mini SDX Enclosure (LC adapter plate, pigtails, and cable sold separately)

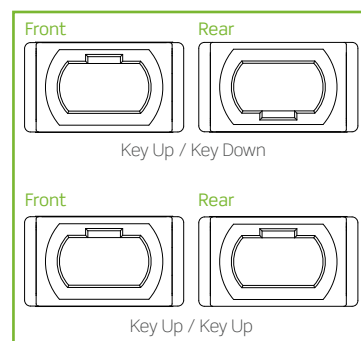


Small SDX Enclosure (LC adapter plate, pigtails, splice tray, and cable sold separately)



SDX ADAPTER PLATES

- Work with SDX Enclosures, including 2000i, 1000i, 500i, and wall-mount
- Shuttered LC options use IP5x-rated internal shutters, eliminating the need for dust plugs and speeding up deployment
- Precision-molded LC and SC adapter plate colors designate fiber type per TIA standards
- Available in 6- to 24-fiber plates for LC, SC, and ST
- Available in 72- to 192-fiber plates for MPO
- 6-position QUICKPORT™ Adapter Plates (item Q) accept all QUICKPORT Jacks and Adapters



SDX RACK-MOUNT ENCLOSURE CAPACITY

1RU FOR 2000i, 1000i & 500i	2RU FOR 2000i, 1000i & 500i	3RU FOR 1000i	3RU FOR 500i	4RU FOR 2000i & 1000i
Holds up to 3 adapter plates	Holds up to 6 adapter plates	Holds up to 9/12 adapter plates	Holds up to 12 adapter plates	Holds up to 12/15 adapter plates
6-pk Dplx LC = up to 36 fibers 6-pk Quad LC = up to 72 fibers 8-pk Dplx LC = up to 48 fibers 3-pk Dplx SC = up to 18 fibers 6-pk Dplx SC = up to 36 fibers 6-pk ST = up to 18 fibers 8-pk ST = up to 24 fibers	6-pk Dplx LC = up to 72 fibers 6-pk Quad LC = up to 144 fibers 8-pk Dplx LC = up to 96 fibers 3-pk Dplx SC = up to 36 fibers 6-pk Dplx SC = up to 72 fibers 6-pk ST = up to 36 fibers 8-pk ST = up to 48 fibers	6-pk Dplx LC = up to 108/144 fibers 6-pk Quad LC = up to 216/288 fibers 8-pk Dplx LC = up to 144/192 fibers 3-pk Dplx SC = up to 54/72 fibers 6-pk Dplx SC = up to 108/144 fibers 6-pk ST = up to 54/72 fibers 8-pk ST = up to 72/96 fibers	6-pk Dplx LC = up to 144 fibers 6-pk Quad LC = up to 288 fibers 8-pk Dplx LC = up to 192 fibers 3-pk Dplx SC = up to 72 fibers 6-pk Dplx SC = up to 144 fibers 6-pk ST = up to 72 fibers 8-pk ST = up to 96 fibers	6-pk Dplx LC = up to 144/180 fibers 6-pk Quad LC = up to 288/360 fibers 8-pk Dplx LC = up to 192/240 fibers 3-pk Dplx SC = up to 72/90 fibers 6-pk Dplx SC = up to 144/180 fibers 6-pk ST = up to 72/90 fibers 8-pk ST = up to 96/120 fibers

SDX WALL-MOUNT ENCLOSURE CAPACITY

MINI	SMALL	MEDIUM	LARGE
Holds up to 1 adapter plate	Holds up to 2 adapter plates	Holds up to 4 adapter plates	Holds up to 12 adapter plates
6-pk Dplx LC = up to 12 fibers 6-pk Quad LC = up to 24 fibers 8-pk Dplx LC = up to 16 fibers 3-pk Dplx SC = up to 6 fibers 6-pk Dplx SC = up to 12 fibers 6-pk ST = up to 6 fibers 8-pk ST = up to 8 fibers	6-pk Dplx LC = up to 24 fibers 6-pk Quad LC = up to 48 fibers 8-pk Dplx LC = up to 32 fibers 3-pk Dplx SC = up to 12 fibers 6-pk Dplx SC = up to 24 fibers 6-pk ST = up to 12 fibers 8-pk ST = up to 16 fibers	6-pk Dplx LC = up to 48 fibers 6-pk Quad LC = up to 96 fibers 8-pk Dplx LC = up to 64 fibers 3-pk Dplx SC = up to 24 fibers 6-pk Dplx SC = up to 48 fibers 6-pk ST = up to 24 fibers 8-pk ST = up to 32 fibers	6-pk Dplx LC = up to 144 fibers 6-pk Quad LC = up to 288 fibers 8-pk Dplx LC = up to 192 fibers 3-pk Dplx SC = up to 72 fibers 6-pk Dplx SC = up to 144 fibers 6-pk ST = up to 72 fibers 8-pk ST = up to 96 fibers

SDX SHUTTERED LC FIBER ADAPTER PLATES - METAL

DESCRIPTION	PART NO.
12-Fiber, OM1, Duplex Shuttered LC, beige, zirconia ceramic sleeve	5F100-S2I
[A] 12-Fiber, OM3 & OM4, Duplex Shuttered LC, aqua, zirconia ceramic sleeve	5F100-S2Q
[B] 12-Fiber, OM4, Duplex Shuttered LC, heather violet, zirconia ceramic sleeve	5F100-S2M
[C] 12-Fiber, OS2, Duplex Shuttered LC, blue, zirconia ceramic sleeve	5F100-S2L
12-Fiber, OS2, Duplex Shuttered LC/APC, green, zirconia ceramic sleeve	5F100-S2V
24-Fiber, OM1, Quad Shuttered LC, beige, zirconia ceramic sleeve	5F100-S4I
24-Fiber, OM3 & OM4, Quad Shuttered LC, aqua, zirconia ceramic sleeve	5F100-S4Q
24-Fiber, OM4, Quad Shuttered LC, heather violet, zirconia ceramic sleeve	5F100-S4M
[D] 24-Fiber, OS2, Quad Shuttered LC, blue, zirconia ceramic sleeve	5F100-S4L
24-Fiber, OS2, Quad Shuttered LC/APC, green, zirconia ceramic sleeve	5F100-S4V

SDX FIBER ADAPTER PLATES, METAL

16-Fiber, OM3 & OM4, Duplex LC, aqua, zirconia ceramic sleeve*	5F100-16A
16-Fiber, OS2, Duplex LC, blue, zirconia ceramic sleeve*	5F100-16Z
[E] 6 Simplex MPO, black, key up/key down	5F100-6MP
6 Simplex MPO, black, key up/key up*	5F100-6MB
8 Simplex MPO, black, key up/key down	5F100-8MP
8 Simplex MPO, black, key up/key up*	5F100-8MB
[F] 6-Position QUICKPORT™, black, empty	5F100-6QP

SDX PRECISION-MOLDED FIBER ADAPTER PLATES

12-Fiber, OM1, Duplex LC, beige, zirconia ceramic sleeve	5F100-2IL
12-Fiber, OM3 & OM4, Duplex LC, aqua, zirconia ceramic sleeve	5F100-2QL
[G] 12-Fiber, OS2, Duplex LC, blue, zirconia ceramic sleeve	5F100-2LL
12-Fiber, OS2, Duplex LC/APC, green, zirconia ceramic sleeve	5F100-2VL
24-Fiber, OM1, Quad LC, beige, zirconia ceramic sleeve	5F100-4IL
[H] 24-Fiber, OM3 & 4, Quad LC, aqua, zirconia ceramic sleeve	5F100-4QL
24-Fiber, OS2, Quad LC, blue, zirconia ceramic sleeve	5F100-4LL
6-Fiber, OM1, Duplex SC, beige, zirconia ceramic sleeve	5F100-6IC
6-Fiber, OM3 & OM4, Duplex SC, aqua, zirconia ceramic sleeve	5F100-6QC
6-Fiber, OS2, Duplex SC, blue, zirconia ceramic sleeve	5F100-6LC
6-Fiber, OS2, Duplex SC/APC, green, zirconia ceramic sleeve	5F100-6VC
12-Fiber, OM1, Duplex SC, beige, zirconia ceramic sleeve	5F100-2IC
12-Fiber, OM3 & OM4, Duplex SC, aqua, zirconia ceramic sleeve	5F100-2QC
12-Fiber, OS2, Duplex SC, blue, zirconia ceramic sleeve	5F100-2LC
[I] 12-Fiber, OS2, Duplex SC/APC, green, zirconia ceramic sleeve	5F100-2VC
6-Fiber, ST MM/SM, black, zirconia ceramic sleeve	5F100-6MT
8-Fiber, ST MM/SM, black, zirconia ceramic sleeve	5F100-8MT
[J] Blank, black	5F100-PLT

* = Minimum order quantity and lead times may apply.

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.



A



B

SDX Cassette MPO-LC Shuttered Single-mode

SDX MPO CASSETTES

- Plug-n-play cassettes eliminate the need for field termination or splices
- Bend-insensitive fiber used in OM3/OM4 cassette
- All premium 12-fiber Base 12 MPO cassettes use low-loss MPO connectors
- Low insertion loss of 0.5 dB maximum
- 100% factory tested with test results included with each cassette
- LC internal shutters minimize dust and provide eye protection
- Universal polarity design, works in conjunction with Method B trunk



SDX CASSETTES, COMMON CONFIGURATIONS

DESCRIPTION	PART NO.
[A] 12-Fiber, MPO-LC, shuttered	FM-*012CSAC0+
[B] 24-Fiber, 2x12F MPO-LC, shuttered	FM-*024CSAC0+

* = Fiber type: A = OS2, E = OM3, F = OM4

+ = Polarity: A=Method A, C=Method C, BE = Method B (edge), U=Universal. For Method B, each channel must have 1 core and 1 edge cassette.

Make-to-Order! MPO CASSETTE OPTIONS

FIBER TYPE	FIBER COUNT	CONNECTOR TYPE	MPO TYPE (REAR)	POLARITY
• OM3	• 12	• LC Shuttered	• 12-Fiber MPO (male) Base 12	• MPO Method A
• OM4	• 24	• LC/APC Shuttered	• 12-Fiber MPO (female) Base 12	• MPO Method C
• OS2				• Universal

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

For assistance customizing your cassettes, visit Leviton.com/MTO or call Tech Support.

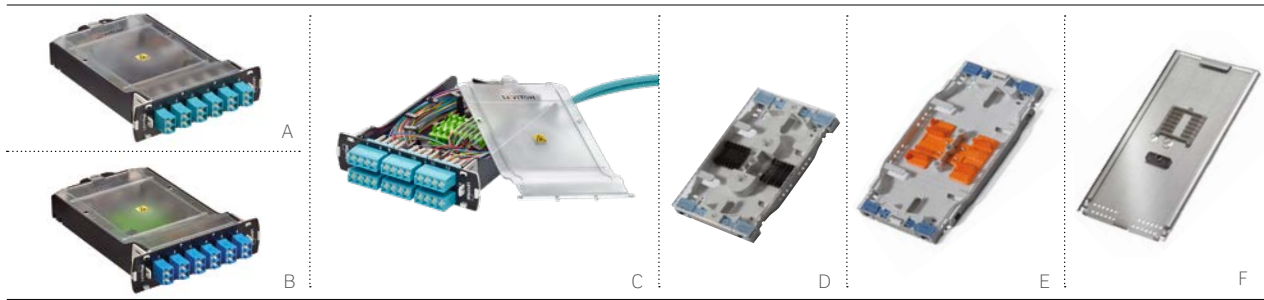
SDX PON SPLITTER MODULE

- Permits low optical loss for passive optical network layouts
- Cassette includes SC/APC connector on fiber lead
- Fits SDX wall- and rack-mount enclosures

SDX PON SPLITTER CASSETTES

DESCRIPTION	PART NO.
SDX Splitter, 1 x 16, SC/APC, 2.5-foot leg	PLC16-003
SDX Splitter, 2 x 16, SC/APC, 2.5-foot leg	PLC26-003
SDX Splitter, 1 x 32, SC/APC, 2.5-foot leg	PLC12-003
SDX Splitter, 2 x 32, SC/APC, 2.5-foot leg	PLC22-003





SDX SPLICE MODULES

- Integrates fiber adapter bulkhead (12 or 24 fibers) and splice holders, eliminating need of splice trays
- Integrated latching tabs allow for one-handed insertion and removal from SDX enclosures and panels
- Patented internal shutters on LC adapters eliminate the need for dust plugs to reduce waste, speed up deployment, and ensure safer installations
- MPO module allows for 6 x 12-fiber MPO pigtail termination

PRECISION-MOLDED SPLICE TRAYS

- Protect and manage heat-shrink-style spliced fibers
- Ratchet-action clamps with foam-rubber padding minimize damage to fibers
- Compatible with Leviton SDX 2000i and 1000i Enclosures, SDX and LIGHTSPACE™ Wall-Mount Enclosures
- 12-fiber splice tray compatible with Leviton network interface devices (NIDs); when stacking splice trays, only use lids on top tray
- 24-fiber splice tray (T5PLS-24F) compatible with HDX frame splice deck
- Splice tray mounting hardware sold separately

SDX FUSION SPLICE MODULES

DESCRIPTION	PART NO.
[A] 12-Fiber, OM3, Duplex LC Shuttered, aqua	SPLCS-2AL
12-Fiber, OM4, Duplex LC Shuttered, aqua	SPLCS-2QL
12-Fiber, OM4, Duplex LC Shuttered, heather violet	SPLCS-2ML
[B] 12-Fiber, OS2, Duplex LC Shuttered, blue	SPLCS-2LL
12-Fiber, OS2, Duplex LC/APC Shuttered, green	SPLCS-2VL
24-Fiber, OM3, Quad LC Shuttered, aqua	SPLCS-4AL
[C] 24-Fiber, OM4, Quad LC Shuttered, aqua	SPLCS-4QL
24-Fiber, OM4, Quad LC Shuttered, heather violet	SPLCS-4ML
24-Fiber, OS2, Quad LC Shuttered, blue	SPLCS-4LL
24-Fiber, OS2, Quad LC/APC Shuttered, green	SPLCS-4VL
12-Fiber, OM4, Duplex SC, aqua	SPSCS-2QC
12-Fiber, OS2, Duplex SC, blue	SPSCS-2LC
12-Fiber, OS2, Duplex SC/APC, green	SPSCS-2VC
6-Port, OM4 Simplex MPO, male	SPMPS-MMP
6-Port, OS2 Simplex MPO, male	SPMPS-SMP

SDX 12- & 24-FIBER SPLICE MODULES - METAL *

12-Fiber, LC (includes splice sleeves)	SPLCS-12x
24-Fiber, LC (includes splice sleeves)	SPLCS-24x
12-Fiber, SC (includes splice sleeves)	SPSCS-12x

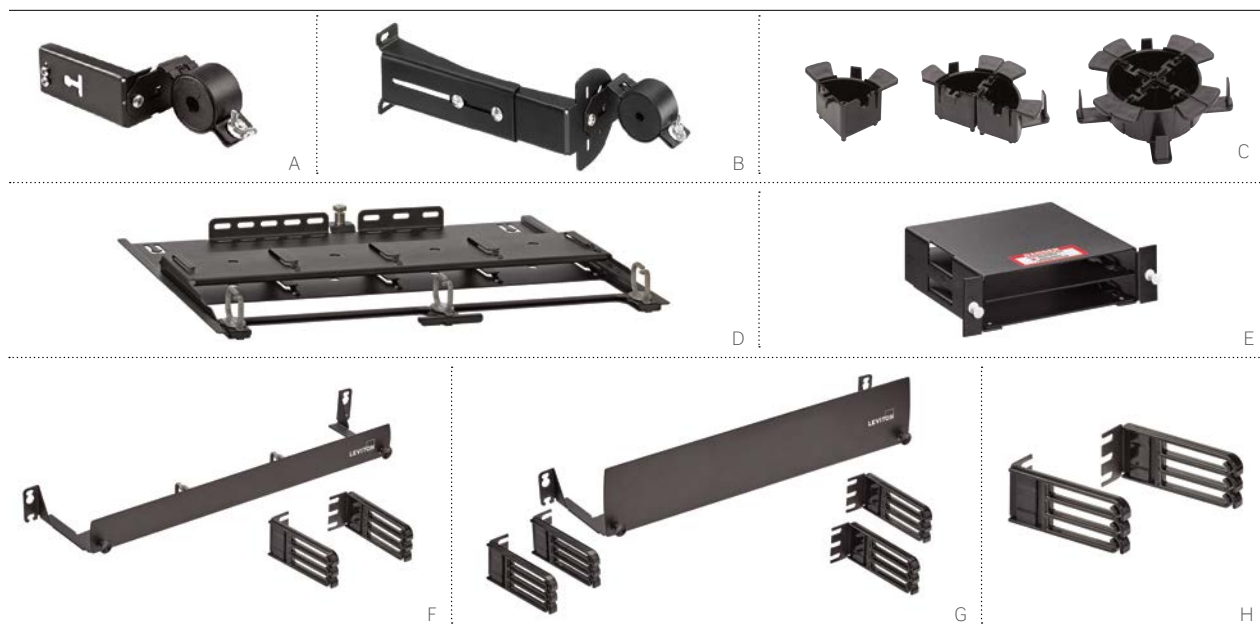
SPLICE TRAYS

[D] 12-Fiber Molded Splice Tray, 3.74" W x 5.59" L x 0.56" H (includes 14 heat-shrink splice sleeves)	T5PLS-12F
12-Fiber Metal Splice Tray, 4" W x 7" L x 0.35" H, heat shrink (plastic)	T47HS-P06
12-Fiber Metal Splice Tray, with standoff 4" W x 7" L x 0.57" H, heat shrink (plastic)	5T000-00T
[E] 24-Fiber Molded Splice Tray, 4.5" W x 7.63" L x 0.50" H (includes 26 heat-shrink splice sleeves)	T5PLS-24F
[F] 72-Fiber Mass Fusion Ribbon Metal Splice Tray, quartz, 6" W x 10" L x 0.35" H	T6XRB-40Q
Splice Tray Mounting Hardware Kit	SPLMT-HKT

* = Lead times may apply.

x = OM3 (A), OM4 (4), OS2 (L), APC OS2 (V)

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.



UNIVERSAL CABLE CLAMP KITS

- Minimizes excessive pulling, bending, and crushing
- Enclosure-mount kits make cable identification easy and decrease need for tie-wraps inside enclosure
- Rack-Mount Kit ideal for vertical strain relief and strain relief at top or bottom of rack
- Compatible with UHDX and SDX rack-mount enclosures

SDX ENCLOSURE CABLE MANAGEMENT

- Fiber Cable Management Rings secure fiber slack; come in kit of four quarter-round rings
- Patch Cord Management Trays route and organize cables
- Trays mount directly to enclosures and do not require additional rack space

HDX RETROFIT TRAY & HDX-TO-SDX ADAPTER BRACKET

- Retrofit trays allow upgrade of SDX enclosures to accept HDX cassettes and adapter plates
- Trays allow for up to 96 LC fibers per RU
- Tray available for 1RU and 2RU 2000i and 1000i SDX enclosures
- HDX-to-SDX Adapter Bracket upgrades SDX Enclosures to accept two HDX cassettes per bracket

UNIVERSAL PATCH CORD CABLE MANAGERS

- 0RU cable managers transition patch cords from horizontal to vertical pathway
- 1RU and 2RU cable managers provide protection and routing of patch cords for flat panels

		AVAILABLE FOR			
ACCESSORIES		2000i SDX	1000i SDX	500i SDX	WALL-MOUNT SDX
DESCRIPTION	PART NO.				
[A] Universal Clamp Kit, single cable grommet for enclosure mounting	5RCMP-KIT	X	X	X	X
Universal Clamp Kit, multiple cable grommet for enclosure mounting	5RCMP-KT2	X	X	X	X
[B] Universal Clamp Kit, single and multiple cable grommet for rack mounting	5RCMR-KIT	X	X	X	
1RU 23" Rack and Cabinet Mounting Bracket*	5R1RU-023	X	X		
[C] Fiber Cable Management Quarter-Round Ring Kit, bag of four*	5R100-14R	X	X	X	
Lock and Key for Rack-Mount and Wall-Mount Enclosures	5L000-KAL		X		X
[D] HDX Retrofit Sliding Tray 1RU	5R1UR-TRY	X	X		
HDX Retrofit Sliding Tray 2RU	5R2UR-TRY	X	X		
[E] HDX-to-SDX Adapter Bracket	HDXAD-ACC	X	X	X	X
[F] 1RU Patch Cord Management Tray, for use with any flat panels	5R1UX-CMT			X	
[G] 2RU Patch Cord Management Tray, for use with any flat panels	5R2UX-CMT			X	
[H] 0RU Patch Cord Managers, bag of 2	5RCMT-VFG	X	X	X	
DIN Rail Bracket Kit, for mini enclosure only	DNRAL-ACC				X
0RU Mounting Bracket, bag of 2, for mini enclosure only	5WMNB-ACC				X
Grounding Kit	DPGRD-KIT	X	X	X	X

* = Lead times may apply.

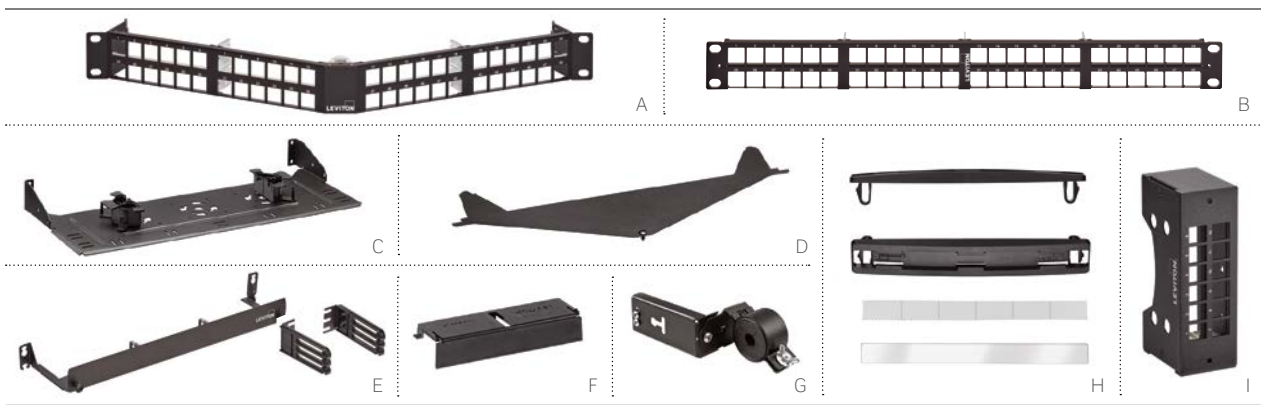
Rack-Mount Universal Clamp Kit Installed



Enclosure-Mount Universal Clamp Kit Installed



e2XHD SNAP-IN CASSETTE PATCHING PLATFORM | Panels, Cable Managers, Covers & Tools



HIGH-DENSITY PANELS

- Allows for UTP, shielded, and fiber in the same panel
- 1RU panels hold up to 8 single-height fiber cassettes (48 fiber channels)
- Alignment tabs on panels ensure upright insertion of cassettes
- Mount on standard 19-inch racks or cabinets

ANGLED PANEL COVER

- Uses no additional rack space
- Minimizes dust and debris behind panels
- Attaches directly to e2XHD Angled Panel
- Can be retrofitted after panel is installed
- Can be used for top and bottom of panels

REAR CABLE MANAGERS

- Support both fiber and copper cables
- Cable management rings included to help manage and route incoming fiber cables
- Multiple tie down points for Hook & Loop Fasteners
- Optional Clamp Kits available to provide cable strain relief for incoming cables
- Flat Panel Manager mounts to rack or cabinet; screws included
- Angled Panel Manager attaches directly to panels



e2XHD Snap-In Cassette Patching System for copper applications on page A6.

E2XHD UTP & SHIELDED SNAP-IN CASSETTE PATCHING SYSTEM

DESCRIPTION	PART NO.
[A] 1RU 48-Port e2XHD Angled High-Density Panel, supports UTP, shielded, and fiber media, black	E2X1A-S48
[B] 1RU 48-Port e2XHD Flat High-Density Panel, supports UTP, shielded, and fiber media, black	E2X1F-S48
e2XHD Rear Cable Manager for Angled Panel, with fiber storage rings (four quarter-round rings)	E2XHD-CMB
[C] e2XHD Rear Cable Manager for Flat Panel, with fiber storage rings (four quarter-round rings)	E2X1F-CMB
[D] e2XHD Angled Panel Cover, black	E2XHD-COV
[E] 1RU Patch Cord Management Tray, for use with any flat panels	5R1UX-CMT
2RU Patch Cord Management Tray, for use with any flat panels	5R2UX-CMT
0RU Patch Cord Managers, bag of 2	5RCMT-VFG
[F] e2XHD Cassette Blank, black	E2XHD-BLK
QUICKPORT™ Jack Removal Tool	E2XHD-JRT
[G] Universal Clamp Kit, single cable Grommet (mounts to Rear Cable Manager)	5RCMP-KIT
Universal Clamp Kit, multiple cable Grommet (mounts to Rear Cable Manager)	5RCMP-KT2
Universal Clamp Kit, single and multiple cable Grommet (for rack mounting)	5RCMR-KIT
[H] e2XHD Label Kit, occupies one row of panel (4 pack)	E2XHD-LBL
[I] e2XHD Mini Panel, supports UTP and fiber media, black	E2XMB-D12
e2XHD Extension Bracket, 1RU	E2X1F-BKT
e2XHD Extension Bracket, 2RU	E2X2F-BKT

e2XHD SNAP-IN CASSETTE PATCHING PLATFORM | Cassettes



E2XHD MPO CASSETTES

- Easy to migrate from 10 to 25, 40 and 100 Gb/s when used with OPT-X™ Unity Ultra Low Loss trunks, harnesses, and patch cords
- Used exclusively with e2XHD panels
- Available in Base 8, Base 12, Base 24 MPO in OM3, OM4, OS2
- MPO adapter swivel allows for easy cable routing and proper bend radius
- LC internal shutters minimize dust and provide eye protection

- Connect to electronics with LC-style ports and aggregate SFP ports to a QSFP28 or PSM4 (100 Gb/s), QSFP+ (40 Gb/s), or CXP (120 Gb/s) port
- Universal polarity design, works in conjunction with Method B trunks
- Available in 4:1, 10:1 and 12:1 ratios to support multiple conversion requirements



Copper Cassettes sold separately on page A6.

e2XHD QUICKPORT® PASS-THROUGH CASSETTES

DESCRIPTION	PART NO.
12-Fiber, OM3 and OM4, shuttered LC , aqua	E2XLC-SAQ
12-Fiber, OM4, shuttered LC, heather violet	E2XLC-SHV
[A] 12-Fiber, OS2, shuttered LC, blue	E2XLC-SBL
12-Fiber, OS2, shuttered LC/APC, green	E2XLC-SGR
[B] 4-Port MPO, key-up/key-down	E2XHD-4MP
4-Port MPO, key-up/key-up	E2XHD-4MB
4-port MPO16, key-up/key-down	E2XHD-46P
6-port MPO16, key-up/key-down	E2XHD-66P

e2XHD CONVERSION CASSETTES

DESCRIPTION	OM3 (AQUA)	OM4 (AQUA)	OM4 (HEATHER VIOLET)	OS2 (BLUE)
[C] 8-Fiber, shuttered MPO-LC (40G to 10G)	ULE2XHD-E008CSKQDJ	ULE2XHD-F008CSKQDJ	ULE2XHD-F008CSKVDJ	ULE2XHD-A008CSKLDJ
24-Fiber, shuttered MPO-LC (120G to 10G)	ULE2XHD-E024CSHQES4	ULE2XHD-F024CSHQES4	ULE2XHD-F024CSHVES4	ULE2XHD-A024CSHLES4

x = Fiber Type = OM3 (E), OM4 (F), OS2 (A)

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

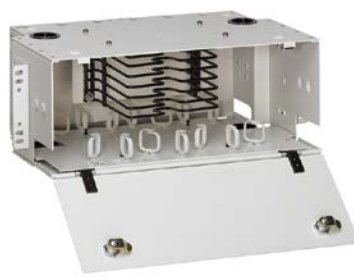
Make-to-Order! e2XHD MPO FIBER CASSETTE OPTIONS

FIBER TYPE	FIBER COUNT	CONNECTOR TYPE	MPO TYPE (REAR)	POLARITY
• OM3	• 8	• LC Shuttered	• 8F (male) Base 8	• Method A
• OM4	• 12	• LC/APC Shuttered	• 8F (female) Base 8	• Method C
• OS2	• 24	• 8F MPO (male)	• 12F (male) Base 12	• Universal
		• 8F MPO (female)	• 12F (female) Base 12	• Conversion
			• 24F (male) Base 24	
			• 24F (female) Base 24	

For assistance customizing your cassettes, visit Leviton.com/MTO or call Tech Support.



A



B



C

KEY FEATURES

- Constructed of high-strength aluminum, powder-coated central-office white
- Mounts on standard 19- and 23-inch racks and cabinets
- Accepts LIGHTSPACE adapter plates (see page B21)

RECOMMENDED APPLICATIONS:

Central Office or
Head End, CLEC

19" and 23" Racks
and Cabinets

DP SERIES OPTICAL DISTRIBUTION ENCLOSURES

- Removable front door
- Rear door with key lock option
- Upper and lower patch cord bend radius brackets

DPS & DPC SERIES OPTICAL SPLICE ENCLOSURES

- Front accessibility to splice trays
- Removable front door with key lock option
- Rear door with key lock option

LIGHTSPACE DP OPTICAL DISTRIBUTION ENCLOSURES, STANDARD PART NUMBERS

DESCRIPTION	MAXIMUM CAPACITY						PART NO.
	FIBERS (USING LC)	ADAPTER PLATES	AND	SPLICE TRAYS*	SINGLE FIBER	RIBBON FIBER	
3RU DP-525 Enclosure, empty^	144	6		N/A	N/A	N/A	DP03U-STD
[A] 4RU DP-700 Enclosure, empty^	288	12		N/A	N/A	N/A	DP04U-STD
6RU DP-105 Enclosure, empty°	288	12		N/A		N/A	DP06U-STD

LIGHTSPACE DPS OPTICAL SPLICE ENCLOSURES, STANDARD PART NUMBERS

3RU DPS-525 Enclosure, empty	N/A	N/A		4	96	288	DPS3U-STD
[B] 4RU DPS-700 Enclosure, empty	N/A	N/A		6	144	432	DPS4U-STD
6RU DPS-105 Enclosure, empty	N/A	N/A		12	288	864	DPS6U-STD

LIGHTSPACE DPC OPTICAL DISTRIBUTION & SPLICE ENCLOSURES, STANDARD PART NUMBERS

6RU DPC-525 Enclosure, empty^	144	6		4	96	288	DPC6U-033
[C] 8RU DPC-700 Enclosure, empty^	288	12		6	144	432	DPC8U-STD
12RU DPC-105 Enclosure, empty°	288	12		12	288	864	DPC12-066

* = Maximum splice tray capacity is limited by height of selected splice tray.

^ = Accepts LIGHTSPACE (LGX® footprint) 6- or 8-pack adapter plates.

° = Accepts LIGHTSPACE 12-pack adapter plates.



A Pigtails, splice tray, and adapter plate sold separately.



B



C

LIGHTSPACE NETWORK INTERFACE DEVICES (NIDS)

- 3500 and 502H models have upper-hinge doors
- 530 model has a left-hinge door
- 502H and 3500 models have padlock provision for added security
- Accepts LIGHTSPACE adapter plates (see page B21)
- Accepts 12-fiber molded splice tray T5PLS-12F
- Ideal for MDUs or single-family home environments

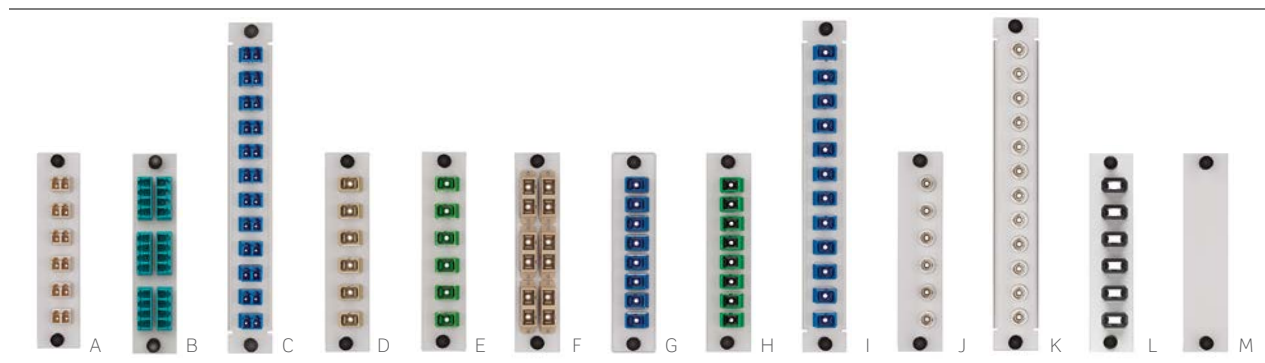
RECOMMENDED APPLICATIONS:

- Demarcation Points
- Telecommunications Rooms
- Equipment Rooms
- Wall Mount

NETWORK INTERFACE DEVICES (NID), STANDARD PART NUMBERS

DESCRIPTION	MAXIMUM CAPACITY					PART NO.	
	FIBERS (USING LC)	ADAPTER PLATES	AND	SPLICE TRAYS*	OR		MPO CASSETTES
[A] LIGHTSPACE NID 3500, double doors, upper hinge, empty	12	1		1		N/A	N3500-STD
[B] LIGHTSPACE NID 502H, single door, upper hinge, empty	12	1		1		N/A	N502H-STD
[C] LIGHTSPACE NID 530, single door, left hinge, empty	8	0**		1		N/A	N5300-STD

* = Accepts 12-Fiber Molded Splice Tray T5PLS-12F (page B14).
** = Accepts 2 individual adapters (LC Duplex/SC Simplex).



LIGHTSPACE ADAPTER PLATES

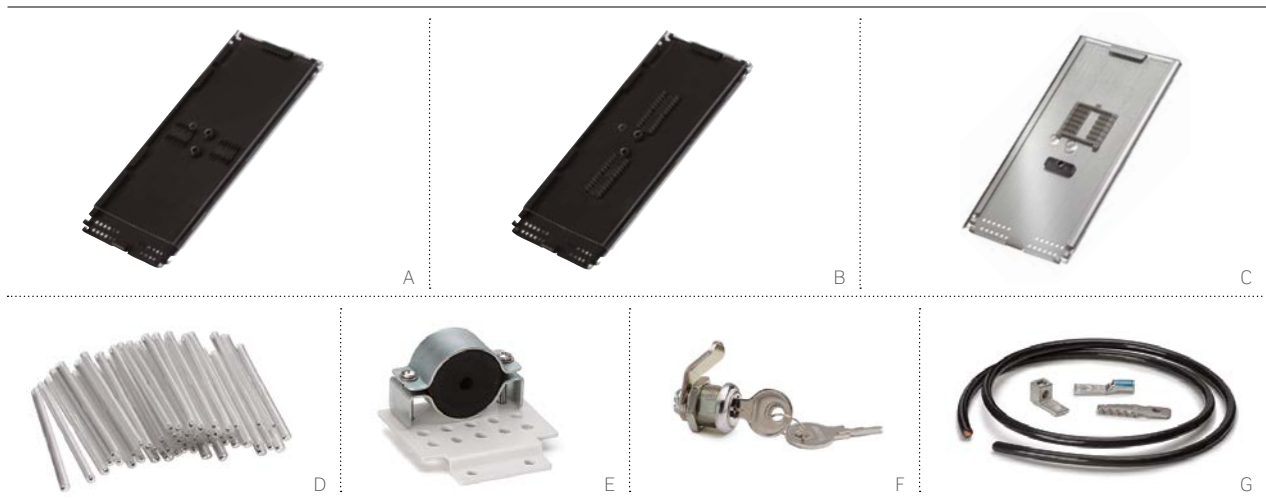
- Industry-standard style (LGX® footprint) adapter plates fit in all LIGHTSPACE wall-mount and rack-mount enclosures, and NIDs
- Captive push/pull fasteners allow for quick, tool-free installation and removal
- Available in six, eight, and twelve packs
- Available in LC, SC, ST, and MPO

LIGHTSPACE RACK-MOUNT ENCLOSURE FIBER DENSITY CHART

OPTICAL DISTRIBUTION ENCLOSURES		
DP/DPC 525	DP/DPC 700	DP/DPC 105
Holds up to six 6-pack or six 8-pack plates 6-Pack = up to 36 fibers 8-Pack = up to 48 fibers Duplex 6-Pack = up to 72 fibers Quad 6-Pack = up to 144 fibers	Holds up to twelve 6-pack or twelve 8-pack plates 6-Pack = up to 72 fibers 8-Pack = up to 96 fibers Duplex 6-Pack = up to 144 fibers Quad 6-Pack = up to 288 fibers	Holds up to twelve 12-pack plates 12-Pack = up to 288 fibers

LIGHTSPACE FIBER ADAPTER PLATES					
DESCRIPTION		OM1 PHOSPHOR BRONZE SLEEVE (BEIGE)	OM3 & OM4 ZIRCONIA CERAMIC SLEEVE (AQUA)	OS2 ZIRCONIA CERAMIC SLEEVE (BLUE)	OS2 ZIRCONIA CERAMIC SLEEVE (GREEN)
12-Fiber, Duplex LC	[A]	APLW6-LDM	APLW6-LDL*	APLW6-LDS	—
24-Fiber, Quad LC		APLW6-LQM*	[B] APLW6-LQL*	APLW6-LQS*	—
24-Fiber, Duplex LC (DP or DPC 105 enclosure only)		APL12-LDM*	—	[C] APL12-LDS*	—
6-Fiber, SC	[D]	APLW6-SCM	—	APLW6-SCS	—
6-Fiber, SC/APC		—	—	—	[E] APLW6-SCA
12-Fiber, Duplex SC	[F]	APLW6-SDM	—	APLW6-SDS	—
12-Fiber, Duplex SC/APC		—	—	—	APLW6-SDA*
8-Fiber, SC		APLW8-SCM*	—	[G] APLW8-SCS	—
8-Fiber, SC/APC		—	—	—	[H] APLW8-SCA
12-Fiber, SC (DP or DPC 105 enclosure only)		APL12-SCM*	—	[I] APL12-SCS*	—
12-Fiber, SC/APC (DP or DPC 105 enclosure only)		—	—	—	APL12-SCA*
DESCRIPTION				PHOSPHOR BRONZE SLEEVE	ZIRCONIA CERAMIC SLEEVE
6-Fiber, ST, MM/SM				APLW6-STM	[J] APLW6-STs
8-Fiber, ST, MM/SM				APLW8-STM	APLW8-STs
12-Fiber, ST, beige, MM/SM (DP or DPC 105 Enclosure only)				APL12-STM*	[K] APL12-STs*
DESCRIPTION					PART NO.
LIGHTSPACE Adapter Plates, 6 Simplex MPO, key up/key down					[L] APLW6-6MP*
LIGHTSPACE Adapter Plate, blank, metal					[M] APLW6-BLK
LIGHTSPACE Adapter Plates, blank (DP or DPC 105 enclosure only)					APL12-BLK*

* = Minimum order quantity and lead times may apply.



METAL SPLICE TRAYS

- Splice holders for single or ribbon fiber heat shrink splice sleeves
- Mounting holes with space blocks prevent fiber damage
- Compatible with LIGHTSPACE enclosures
- No mounting hardware required when installed in LIGHTSPACE enclosures
- Heat-shrink fusion-splice sleeves sold separately
- T6XRB-40Q can also be mounted in SDX Enclosures

For assistance ordering your splice trays, visit Leviton.com/MTQ or call Tech Support.

FUSION SPLICE SLEEVES

- Precise lengths free of all burrs and sharp edges
- Clear outer tube for viewing fiber color

LIGHTSPACE ENCLOSURE ACCESSORIES

- Select cable clamp kits, key locks, strain-relief options, or grounding solutions.

METAL SPLICE TRAYS

DESCRIPTION	PART NO.	RECOMMENDED SPLICE SLEEVE
[A] 12-Fiber LIGHTSPACE Standard Splice Tray, 5" W x 11.75" L x 0.35" H, heat shrink (plastic)	T5LHS-P06	FSSSD-060
[B] 24-Fiber LIGHTSPACE High-Density Splice Tray, 5" W x 11.75" L x 0.35" H, heat shrink (plastic)	T5LHS-B12	FSSSD-040

RIBBON-STYLE SPLICE TRAYS

[C] 72-Fiber Mass Fusion Ribbon Metal Splice Tray, quartz, 6" W x 10" L x 0.35" H	T6XRB-40Q	FSSRB-P40
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FUSION SPLICE SLEEVES

DESCRIPTION	STANDARD 50/PACK	SLIM 50/PACK	RIBBON 25/PACK
Fusion Splice Sleeve, 60 mm	[D] FSSSD-060	FSSSL-060	—
Fusion Splice Sleeve, 40 mm	FSSSD-040	FSSSL-040	—
Fusion Ribbon Splice Sleeve, 40 mm	—	—	FSSRB-P40

LIGHTSPACE DP, DPS & DPC SERIES ACCESSORIES

DESCRIPTION	PART NO.
[E] LIGHTSPACE Cable Clamp Kit (.25"-1.25" diameter)	DPCMP-UNV
[F] LIGHTSPACE Key Lock Kit	DPLOK-KIT
[G] LIGHTSPACE Grounding Kit	DPGRD-KIT

PRE-TERMINATED CABLE ASSEMBLIES |

Pre-Terminated Fiber Cable Assemblies

TRUNKS, HARNESSSES, PATCH CORDS

Leviton fiber trunks, harnesses, and patch cords can be made to customer specifications — including cable type, connector combinations, length, and more — at [Leviton.com/MTO](https://leviton.com/MTO).

OPT-X™ Unity fiber assemblies include trunks, array patch cords, and MPO harnesses. These assemblies offer ultra low loss connectivity for superior channel performance, extended distances, and easy migration to 200, 400, 800 Gb/s, and 1.6 Tb/s.

OPT-X Engage assemblies offer low-loss connectivity and high-performance solutions for deployments up to 800 Gb/s.



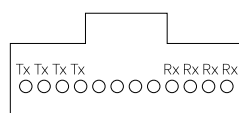
CABLE ASSEMBLIES INSERTION LOSS

Meeting fiber network migration from 10 to 40, 100, 200, 400, 800 Gb/s, and beyond. Offering the most options to reuse your fiber backbone over multiple network upgrades, OPT-X Unity is the first complete single-mode and multimode 24-, 12-, and 8-fiber solution with ultra low loss connectivity. The OPT-X Engage system offers 8- and 12-fiber low loss options designed to maximize your network return on infrastructure investment.

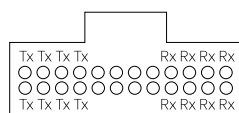
	CABLE ASSEMBLY CONNECTORS			
	UNITY ULTRA LOW LOSS		ENGAGE LOW LOSS	
	MM	SM	MM	SM
MPO 8-Fiber	0.20	0.35	—	—
MPO 12-Fiber	0.20	0.35	0.35	0.35
MPO 16-Fiber	—	—	0.35	0.35
MPO 24-Fiber	0.35	0.35	—	—
LC Duplex	—	—	0.25	0.25
SC Duplex	—	—	0.25	0.25

	MPO TO LC CASSETTES				MPO CASSETTES			
	UNITY ULTRA LOW LOSS		ENGAGE LOW LOSS		UNITY ULTRA LOW LOSS		ENGAGE LOW LOSS	
	MM	SM	MM	SM	MM	SM	MM	SM
Base 24	0.50	0.50	—	—	0.75	0.75	—	—
Base 12	0.35	0.50	0.50	0.90	0.55	—	0.75	0.75
Base 8	0.35	0.50	—	—	—	—	—	—

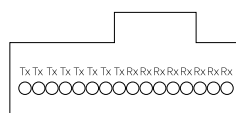
MPO LANE ASSIGNMENTS FOR 40/100/200 & 400 GB/S



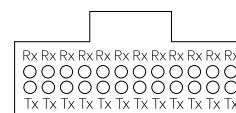
QSFP 40GBASE-SR4,
QSFP28 100GBASE-SR4,
100G-PSM4, 200G-SR4,
400G-DR4, 400G-SR4.2



2x100G-PSM4,
2x100G-SR4



800GBASE-DR8,
800GBASE-SR8



100GBASE-SR10,
24-FIBER MTP

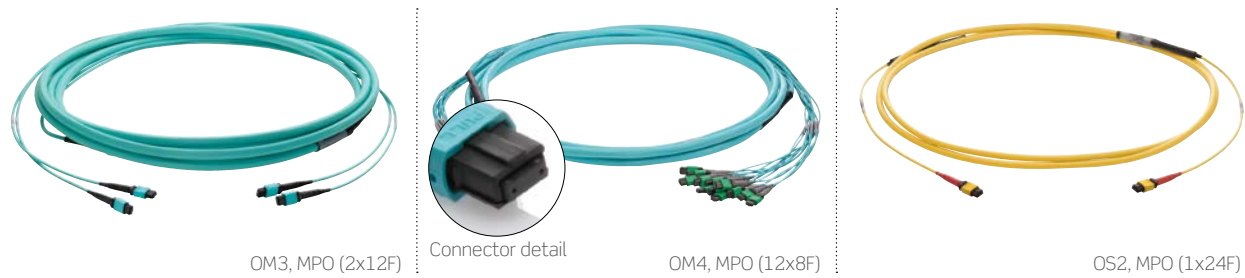
COLOR-CODED BOOTS ON MPO

8-FIBER	12-FIBER	16-FIBER	24-FIBER
Multimode OM4	Multimode OM4	Multimode OM4	Multimode OM4
Single-mode OS2	Single-mode OS2	Single-mode OS2	Single-mode OS2

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

PRE-TERMINATED CABLE ASSEMBLIES |

Pre-Terminated Trunk Cables > OPT-X™ Unity Ultra Low Loss



OM3, MPO (2x12F)

Connector detail

OM4, MPO (12x8F)

OS2, MPO (1x24F)

OPT-X UNITY ULTRA LOW LOSS PRE-TERMINATED TRUNK CABLES

- Multimode and single-mode MPO trunk cables support 40 to 100, 200, and 400 Gb/s speeds
- MPO connectors available for Base 8, Base 12 and Base 24 configurations
- Migration solution to 40, 100, 200, and 400 Gb/s from existing 10 Gb/s networks
- Up to 70% faster install than field-terminated trunks
- MPO polarity options are TIA methods A, B, or C (Method B is standard)
- 100 percent factory tested, with test results included for each assembly
- All assemblies labeled with serial number and length for traceability and easy re-order
- Armored option uses flexible jacketed ARMOR-TEK™ spiral aluminum armor



OPT-X UNITY ULTRA LOW LOSS FIBER INSERTION LOSS PERFORMANCE

CONNECTOR MATED PAIRS	MULTIMODE		SINGLE-MODE
	8- & 12-FIBER ULL	24-FIBER MAX IL	8, 12 & 24-FIBER MAX IL
MPO	0.20	0.35	0.35

OPT-X UNITY ULTRA LOW LOSS MPO TRUNKS, EXAMPLE PART NUMBERS

DESCRIPTION	PART NO.
24-Fiber, OS2, 24F - 24F, SJP Plenum, 50 ft, pulling eye	FTU-AW4024JJ050F38C38CY-NNBS
24-Fiber, OM4, 24F - 24F, SJP Plenum, 50 ft, pulling eye	FTU-FW4024JJ050F38C38CY-NNBS
48-Fiber, OS2, 24F - 24F, SJP Plenum, 50 ft, pulling eye	FTU-AW4048JJ050F38C38CY-NNBS
48-Fiber, OM4, 24F - 24F, SJP Plenum, 50 ft, pulling eye	FTU-FW4048JJ050F38C38CY-NNBS
144-Fiber, OS2, 24F - 24F, SJP Plenum, 50 ft, pulling eye	FTU-AW4144JJ050F38C38CY-NNBS
144-Fiber, OM4, 24F - 24F, SJP Plenum, 50 ft, pulling eye	FTU-FW4144JJ050F38C38CY-NNBS

Make-to-Order!

OPT-X UNITY ULTRA LOW LOSS MPO TRUNK CABLE OPTIONS

FIBER TYPE	CABLE TYPE	FIBER COUNT	TERMINATION	CABLE LENGTH	BREAKOUT LENGTH (INCHES)	BREAKOUT LEG TYPE FIRST- & SECOND-END TERMINATION	PULLING EYE	1ST & 2ND END STAGGER	POLARITY	LABELING
• OM3	• SJP Plenum (standard)	• 12	FIRST END	• 10-984 ft	• 18-72,	• 3 mm Jacketed 24F	• Yes	• Yes	• MPO Method A	• Standard
• OM4	• SJP Plenum	• 16	• 24F (male)	• 3-300 m	• 36 in typical	• 2 mm Jacketed 12F	• No	• No	• MPO Method B (standard)	• Custom
• OS2	• ARMOR-TEK	• 24	• 24F (female), STD						• MPO Method C	
		• 32	• 12F (male)							
		• 48	• 12F (female), STD							
		• 64	• 8F (male)							
		• 72	• 8F (female)							
		• 96	SECOND END							
		• 128	• 24F (male)							
		• 144	• 24F (female), STD							
		• 192	• 12F (male)							
		• 288	• 12F (female), STD							
			• 8F (male)							
			• 8F (female)							

See B41 EMEA for assistance customizing your trunks, visit Leviton.com/MTO or call Tech Support.

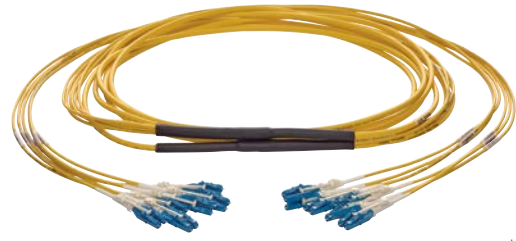
The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

PRE-TERMINATED CABLE ASSEMBLIES |

Pre-Terminated Trunk Cables > OPT-X™ Engage Low Loss



MPO-LC



LC-LC

OPT-X ENGAGE LOW LOSS PRE-TERMINATED TRUNK CABLES

- An ideal solution for 10 Gb/s and faster network speeds
- Lower insertion loss supports multiple connection points and longer link distances
- Discrete connectors are heat cured and use ceramic ferrules and sleeves for optimal performance
- Optional pulling eye protects connectors and eases installation
- MPO polarity options are TIA methods A, B, or C
- 100 percent factory tested with test results included for each assembly
- All assemblies labeled with serial number and length for traceability and easy re-order



ENGAGE FIBER INSERTION & RETURN LOSS PERFORMANCE

CONNECTOR MATED PAIRS	MULTIMODE		SINGLE-MODE	
	MAX IL	MIN RL	MAX IL	MIN RL
LC Unibody	0.15	≥35	0.25	≥55 (60 for APC)
SC	0.25	≥25	0.25	≥45 (60 for APC)
MPO	0.35	≥25 (40 for APC)	0.35	≥45 (60 for APC)

OPT-X ENGAGE LOW LOSS TRUNK CABLES, POPULAR CONFIGURATIONS

DESCRIPTION	PART NO.
Unibody LC-LC, 12-Fiber, OM3, SJP Plenum, aqua, 50 ft, pulling eye, Method A-B	FT-EW2012VV050F38B38BY-NNBS
Unibody LC-LC, 12-Fiber, OM4, SJP Plenum, aqua, 50 ft, pulling eye, Method A-B	FT-FW2012VV050F38B38BY-NNBS
Unibody LC-LC, 24-Fiber, OM3, SJP Plenum, aqua, 50 ft, pulling eye, Method A-B	FT-EW2024VV050F38B38BY-NNBS
Unibody LC-LC, 24-Fiber, OM4, SJP Plenum, aqua, 50 ft, pulling eye, Method A-B	FT-FW2024VV050F38B38BY-NNBS
MPO-MPO, 12-Fiber, OM3, SJP Plenum, aqua, 50 ft, pulling eye, Method B	FT-EW2012LL050F38B38BY-NNBS
MPO-MPO, 12-Fiber, OM4, SJP Plenum, aqua, 50 ft, pulling eye, Method B	FT-FW2012LL050F38B38BY-NNBS
MPO-MPO, 12-Fiber, OS2, SJP Plenum, yellow, 50 ft, pulling eye, Method B	FT-AW2012LL050F38B38BY-NNBS

Make-to-Order!

OPT-X ENGAGE LOW LOSS TRUNK CABLE OPTIONS

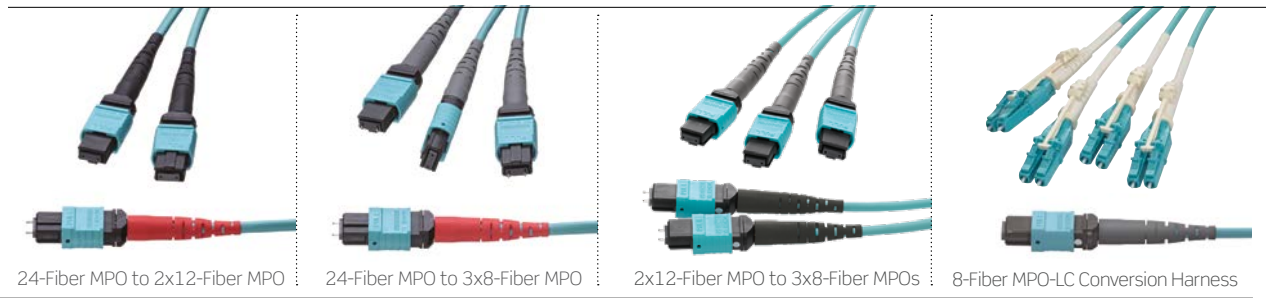
FIBER TYPE	CABLE TYPE	FIBER COUNT	TERMINATION	CABLE LENGTH (FEET)	BREAKOUT LENGTH (INCHES)	BREAKOUT-LEG TYPE FIRST- & SECOND-END TERMINATION	POLARITY	LABELING
• OM3	• SJP Plenum (standard)	• 6	• LC, duplex clips	• 10-1,500	• 12	FIRST END	• MPO Method A	• Standard
• OM4	• SJP Plenum ARMOR-TEK	• 12	• LC/APC		• 18	• 2 mm Jacketed Fiber, for LC, SC, and MPO	• MPO Method B	• Custom
• OM5		• 16	• LC Unibody		• 24	• 3mm Jacketed Fiber, 16F MPO	• MPO Method C	
• OS2		• 24	• SC, TIA boots		• 36	• Blunt End	• A-A	
		• 32	• SC/APC		• 38		• A-B	
		• 48	• 8F MPO/APC (male/female)		• 48	SECOND END		
		• 64	• 8F MPO (male/female)		• 72	• 2 mm Jacketed Fiber, for LC, SC, MPO		
		• 72	• 12F MPO (male/female)			• 3 mm Jacketed Fiber, for SC, LC, MPO		
		• 96	• 16F MPO/APC (male/female)			• Blunt End		
		• 128	• Blunt End					
		• 144						
		• 192						
		• 288						

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

For assistance customizing your trunk cables, visit Leviton.com/MTO or call Tech Support.

PRE-TERMINATED CABLE ASSEMBLIES |

Array Harnesses > OPT-X™ Unity Ultra Low Loss



OPT-X UNITY ULTRA LOW LOSS ARRAY HARNESSES

- For use in attaching directly to 40 and 100 Gb/s transceivers
- Custom short-length cable for cabinet/rack patching, with custom staggering available
- MPO polarity options are TIA method A, B, or C (Method B is standard)
- 100 percent factory tested with test results included for each assembly
- All assemblies labeled with serial number and length for traceability and easy re-order
- Color-coded boots



OPT-X UNITY ULTRA LOW LOSS 1-TO-4 CONVERSION FIBER HARNESSES

- Available with multimode or single-mode fiber for channels connecting QSFP+ to SFP+ transceivers
- Breakout 40G and 100G switch ports
- Uses bend-insensitive fiber; lowers risk for pinched cables
- Available with optional reversing polarity LC Unibody

OPT-X UNITY ULTRA LOW LOSS HARNESS, POPULAR CONFIGURATIONS

DESCRIPTION	8-FIBER	12-FIBER	24-FIBER
Fiber Harness, OS2, MPO (female) to LC Duplex, 10 ft	—	—	FHU-AH024JR1024S4
Fiber Harness, OM3, MPO (female) to LC Duplex, 10 ft	FHU-EH008MR1024K	FHU-EH012LR1024K	FHU-EH024JR1024S4
Fiber Harness, OM4, MPO (female) to LC Duplex, 10 ft	FHU-FH008MR1024K	FHU-FH012LR1024K	FHU-FH024JR1024S4

Make-to-Order! OPT-X UNITY ULTRA LOW LOSS ARRAY HARNESS OPTIONS

FIBER TYPE	CABLE TYPE	FIBER COUNT	TERMINATION (FIRST END)	TERMINATION (SECOND END)	CABLE LENGTH (FEET)	BREAKOUT LENGTH (INCHES)	POLARITY
• OM3	• Harness	• 12	• 24F MPO (male)	• Premium 24F MPO (male)	• 3-33	• 1-48	• MPO Method A
• OM4		• 24	• 24F MPO (female)	• Premium 24F MPO (female)			• MPO Method B
• OS2			• 12F MPO (male)	• 12F MPO (male)			• MPO Method C
			• 12F MPO (female)	• 12F MPO (female)			• 1:3 Breakout
				• 8F MPO (male)			
				• 8F MPO (female)			
				• LC (duplex clips)			
				• LC Unibody			

Make-to-Order! OPT-X UNITY ULTRA LOW LOSS BREAKOUT FIBER HARNESS OPTIONS

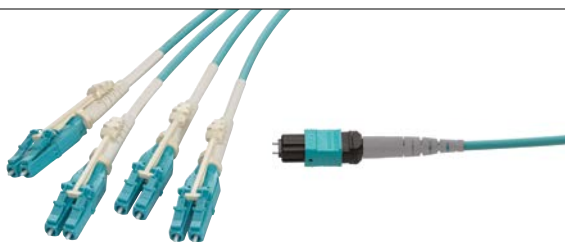
FIBER TYPE	FIBER COUNT	CONNECTOR 1ST END (MPO)	CONNECTORS 2ND END	CABLE LENGTH	BREAKOUT LENGTH (INCHES)	POLARITY
• OM3	• 8	• Male	• LC	• Custom lengths in feet and meters	• 12-48	• 1 to 4
• OM4	• 24	• Female	• LC Unibody		• Other	• 1 to 10
• OS2						• 1 to 12

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

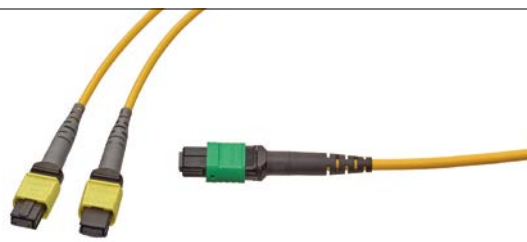
For assistance customizing your harnesses, visit Leviton.com/MTO or call Tech Support.

PRE-TERMINATED CABLE ASSEMBLIES |

Harnesses > OPT-X™ Engage Low Loss



MPO-LC, LOMM



MPO-SC, LOMM

OPT-X ENGAGE LOW LOSS HARNESSES

- Pre-terminated MPO-to-discrete connectors (LC, LC Unibody, SC) in all fiber types
- Custom short-length cable reduces congestion in cabinet or rack patching applications
- Custom staggering available
- Use as a direct connect into switches and servers
- 100 percent factory tested with test results included for each assembly
- All assemblies labeled with serial number and length for traceability and easy re-order
- Small diameter cable for dense connectivity
- Available with optional reversing polarity LC Unibody



OPT-X ENGAGE LOW LOSS HARNESSES, POPULAR CONFIGURATIONS

DESCRIPTION	8-FIBER	12-FIBER
Fiber Harness, OM3, MPO (female) to LC Unibody, 10 ft, 36 in breakout	FH-EH008MV1036K	FH-EH012LV1036A
Fiber Harness, OM4, MPO (female) to LC Unibody, 10 ft, 36 in breakout	FH-FH008MV1036K	FH-FH012LV1036A
Fiber Harness, OS2, MPO (female) to LC Unibody, 10 ft, 36 in breakout	FH-AH008MV1036K	FH-AH012LV1036A

Make-to-Order!

OPT-X ENGAGE LOW LOSS HARNESS OPTIONS

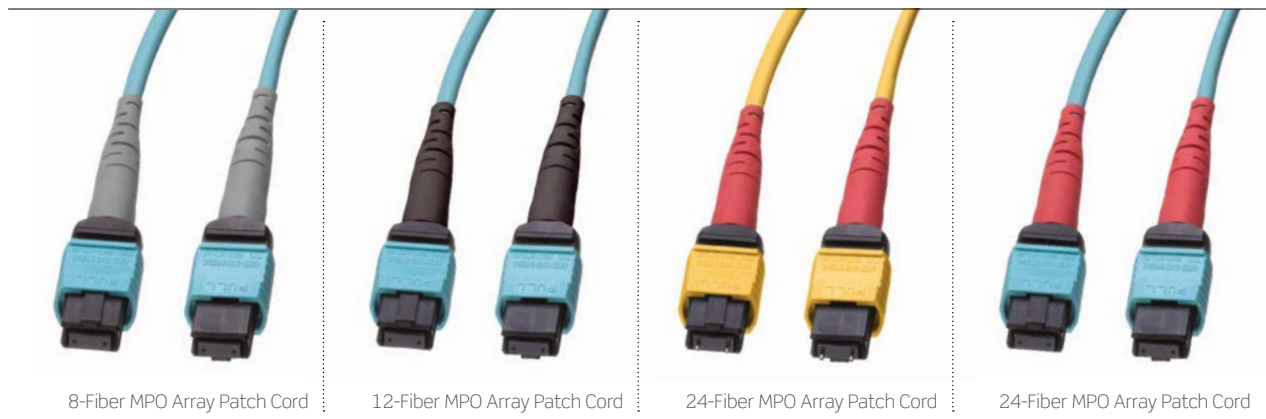
FIBER TYPE	CABLE TYPE	FIBER COUNT	TERMINATION	CABLE LENGTH (FEET)	BREAKOUT LENGTH (INCHES)	POLARITY
• OM3	• Harness	• 8	FIRST END	• 5-40	• 12-48	• MPO Method A
• OM4		• 12	• 8F MPO			• MPO Method B
• OM5		• 16	• 12F MPO			• MPO Method C
• OS2		• 24	• 16F MPO			• 1:4 Breakout (40G and 100G)
			SECOND END			
			• 8F MPO			
			• LC			
			• LC Unibody			

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

For assistance customizing your harnesses, visit Leviton.com/MTO or call Tech Support.

PRE-TERMINATED CABLE ASSEMBLIES |

Array Cords > OPT-X™ Unity Ultra Low Loss



OPT-X UNITY ULTRA LOW LOSS ARRAY CORDS

- Offered in OS2 single-mode and OM3/OM4 multimode
- 8-, 12-, and 24-fiber MPO array cords offer migration path from 10 to 25, 100, 400 GbE and 400 Gb/s networks
- Available in lengths of 1, 2, 3, 5, and 10 meters
- See page B8 for OPT-X Unity — Ultra Low Loss system overview
- Multimode insertion loss: 0.2 dB per 8- and 12-fiber mated pair, 0.35 dB per 24-fiber mated pair



OPT-X UNITY ULTRA LOW LOSS MPO ARRAY CORDS, POPULAR CONFIGURATIONS

DESCRIPTION	8-FIBER	12-FIBER	24-FIBER
MPO (female) to MPO (female), Method B, OM3, 1 m	UL5L8MM-B001M	UL5L2LL-B001M	UL5L4JJ-B001M
MPO (female) to MPO (female), Method B, OM4, 1 m	UL548MM-B001M	UL542LL-B001M	UL544JJ-B001M
MPO (female) to MPO (female), Method B, OS2, 1 m	ULUP8MM-B001M	ULUP2LL-B001M	ULUP4JJ-B001M

Make-to-Order!

OPT-X UNITY ULTRA LOW LOSS ARRAY CORDS

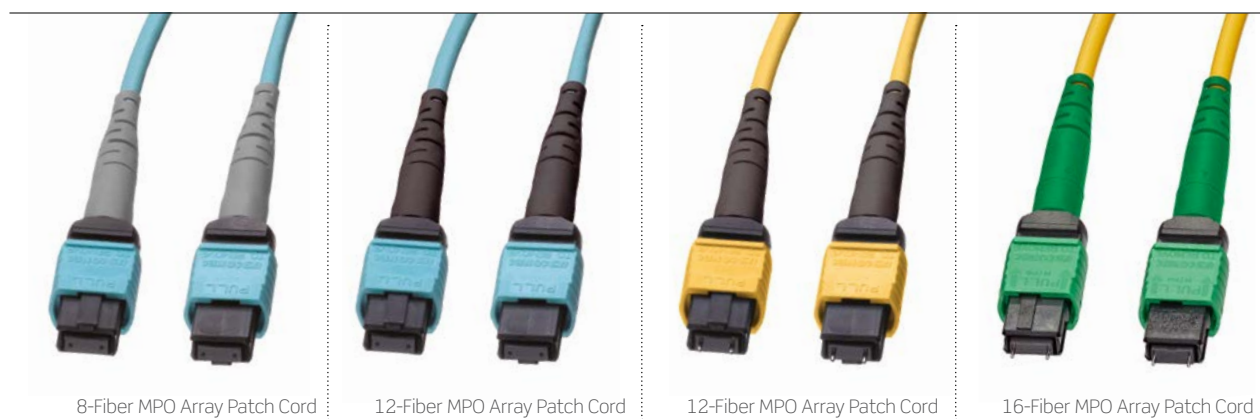
FIBER TYPE	FIBER COUNT	FIRST-END TERMINATION	SECOND-END TERMINATION	POLARITY	CABLE LENGTH
• OM3	• 8	• 8F MPO (male)	• 8F MPO (male)	• MPO Method A	• 3-300 ft
• OM4	• 12	• 8F MPO (female)	• 8F MPO (female)	• MPO Method B (standard)	• 1-300 m
• OS2	• 24	• 12F MPO (male)	• 12F MPO (male)	• MPO Method C	
		• 12F MPO (female)	• 12F MPO (female)		
		• 24F MPO (male)	• 24F MPO (male)		
		• 24F MPO (female)	• 24F MPO (female)		

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

For assistance customizing your array cords, visit Leviton.com/MTO or call Tech Support.

PRE-TERMINATED CABLE ASSEMBLIES |

Array Cords > OPT-X™ Engage Low Loss



OPT-X ENGAGE LOW LOSS ARRAY CORDS

- An ideal solution for 10 Gb/s and faster network speeds
- Offered in OS2 single-mode and OM3/OM4 multimode
- 8-, 12- and 16-fiber array cords offer migration from 40, 100, 400 and 800Gb/s
- All array cords use low-loss MPO connectors
- Insertion loss: 0.35 dB per mated pair



OPT-X ENGAGE LOW LOSS ARRAY CORDS, POPULAR CONFIGURATIONS

DESCRIPTION	8-FIBER	12-FIBER
MPO (female) to MPO (female), Method B, OM3, 1 m	5L8MM-B001M	5L2LL-B001M
MPO (female) to MPO (female), Method B, OM4, 1 m	548MM-B001M	542LL-B001M
MPO (female) to MPO (female), Method B, OS2, 1 m	UP8MM-B001M	UP2LL-B001M

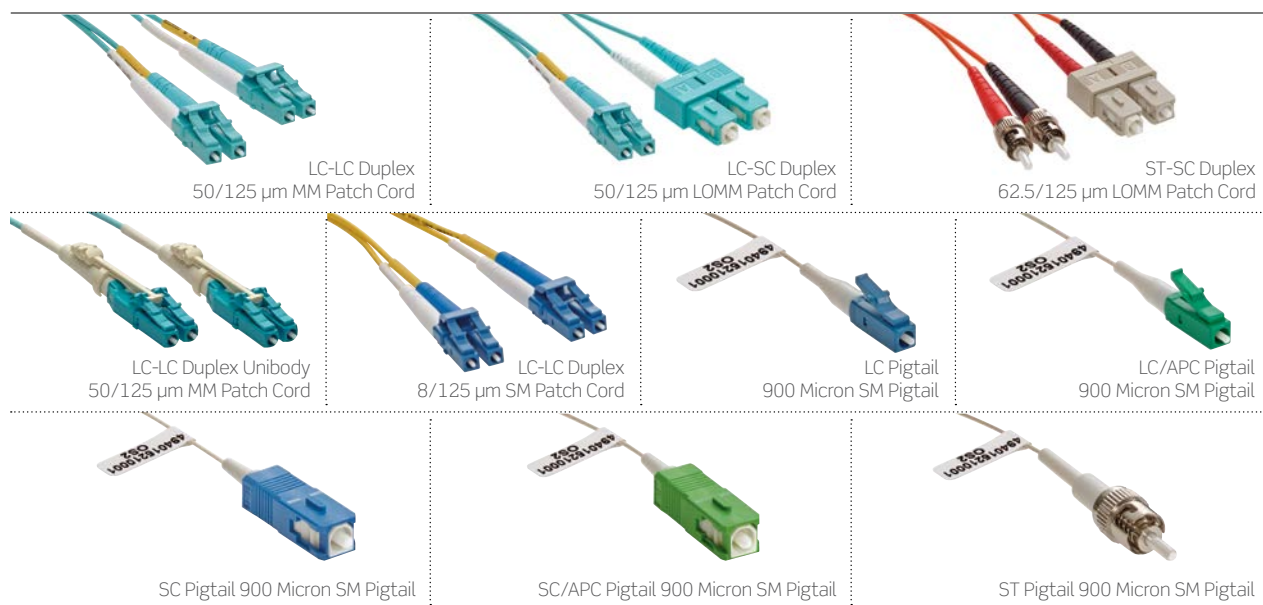
Make-to-Order! OPT-X ENGAGE LOW LOSS ARRAY CORDS

FIBER TYPE	FIBER COUNT	FIRST-END TERMINATION	SECOND-END TERMINATION	CABLE LENGTH (METERS)	POLARITY
• OM3	• 8	• 8F MPO (male)	• 8F MPO (male)	• 1-300	• MPO Method A
• OM4	• 12	• 8F MPO (female)	• 8F MPO (female)		• MPO Method B (standard)
• OM5	• 16	• 12F MPO (male)	• 12F MPO (male)		• MPO Method C
• OS2		• 12F MPO (female)	• 12F MPO (female)		
		• 16F MPO (male)	• 16F MPO (male)		
		• 16F MPO (female)	• 16F MPO (female)		

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

For assistance customizing your array cords, visit Leviton.com/MTO or call Tech Support.

PRE-TERMINATED CABLE ASSEMBLIES | Patch Cords & Pigtails > Premium Plus



Pre-Terminated
Cable Assemblies

FIBER

PREMIUM PLUS PATCH CORDS

- ≤ 0.25 dB insertion loss, > 25 dB return loss for multimode
- ≤ 0.25 dB insertion loss, 50 dB (UPC) / 60 dB (APC) return loss for single-mode
- LC Unibody connector option features reversing polarity
- 100 percent factory tested
- Made to order with quick-turn delivery
- COO: USA



For assistance customizing your patch cords and pigtails, visit Leviton.com/MTO or call Tech Support.

Make-to-Order! PREMIUM FIBER OPTIC PATCH CORD OPTIONS

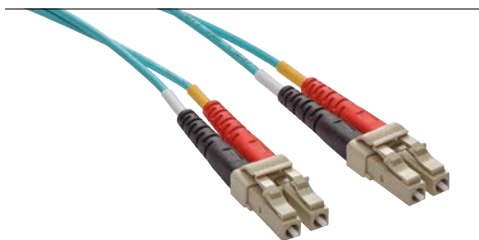
FIBER TYPE	CABLE RATING	CABLE TYPE	CONNECTOR TYPE (1ST AND 2ND END)	CABLE LENGTH (FEET)	POLARITY
• OM1 • OM3 • OM4 • OM5 • OS2	• Plenum • LSHF/LSZH	• Simplex (2 mm) • Duplex Zipcord (1.6 mm) • Round 2-Fiber (2 mm)	• LC Unibody (reversing polarity) • LC • LC/APC • SC • SC/APC • ST	• 1-999	• A-B • A-A

Make-to-Order! PREMIUM FIBER OPTIC PIGTAIL OPTIONS

ASSEMBLY TYPE	FIBER TYPE	CONNECTOR TYPE	SINGLES/KITS	COLORS	LENGTH
• Pigtail Kit • Single Pigtail	MULTIMODE • 900 μm OM1 • 900 μm OM3 • 900 μm OM4 • 900 μm OM5 SINGLE-MODE • 900 μm OS2	• LC • LC/APC • SC • SC/APC • ST	SINGLES • 900 μm (white) • OM5 900μm (lime green) KITS • 12 pack of the color selected • 8 Pack of TIA colors 1-8 • 12 pack of TIA colors 1-12	• Blue • Orange • Green • Brown • Slate • White (Default for Singles)	• Red • Black • Yellow • Violet • Rose • Aqua

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

PRE-TERMINATED CABLE ASSEMBLIES | Patch Cords > Economy



LC-LC Duplex OM4

ECONOMY MULTIMODE PATCH CORDS

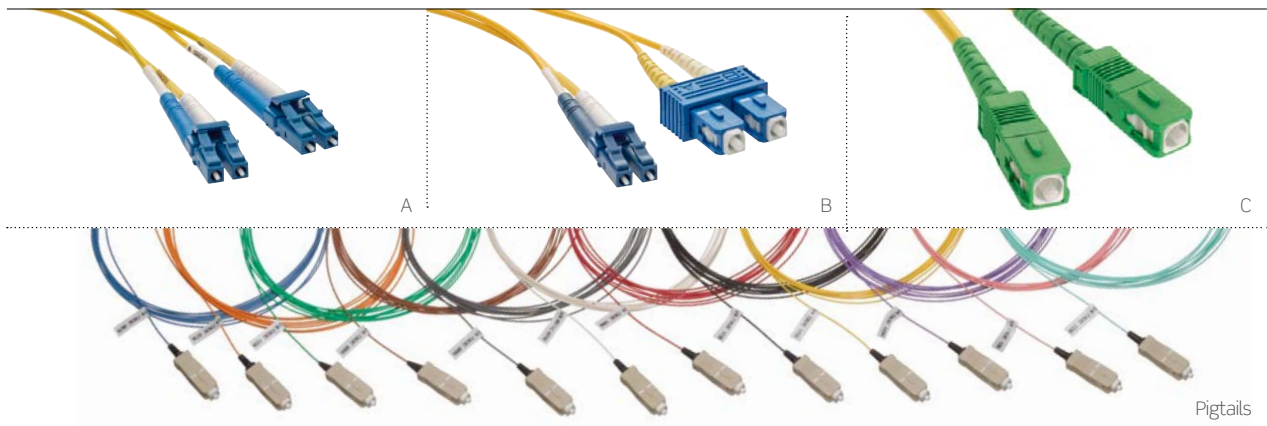
- Riser-rated is standard, LSHF/LSZH is optional
- Insertion loss: 0.3 dB Max
- Return loss: >25 dB
- 100 percent factory tested
- OM1, OM3, and OM4
- All cables are pre-labeled and individually bagged
- Standard lengths listed

62.5/125 μM MULTIMODE (OM1) OFNR DUPLEX		
DESCRIPTION	LENGTH (METERS)	DUPLEX
LC-LC	1	62DLC-M01
LC-LC	2	62DLC-M02
LC-LC	3	62DLC-M03
LC-LC	5	62DLC-M05
LC-LC	10	62DLC-M10
SC-LC	1	62DCL-M01
SC-LC	2	62DCL-M02
SC-LC	3	62DCL-M03
SC-LC	5	62DCL-M05
SC-LC	10	62DCL-M10
SC-SC	1	62DSC-M01
SC-SC	2	62DSC-M02
SC-SC	3	62DSC-M03
SC-SC	5	62DSC-M05
SC-SC	10	62DSC-M10
SC-ST	1	62DCT-M01
SC-ST	2	62DCT-M02
SC-ST	3	62DCT-M03
SC-ST	5	62DCT-M05
SC-ST	10	62DCT-M10
ST-ST	1	62DST-M01
ST-ST	2	62DST-M02
ST-ST	3	62DST-M03
ST-ST*	5	62DST-M05
ST-ST	10	62DST-M10

* = Lead times may vary.

50/125 μM LOMM (OM3) OFNR DUPLEX		
DESCRIPTION	LENGTH (METERS)	DUPLEX
LC-LC	1	5LDLC-M01
LC-LC	2	5LDLC-M02
LC-LC	3	5LDLC-M03
LC-LC	4	5LDLC-M04
LC-LC	5	5LDLC-M05
LC-LC	7	5LDLC-M07
LC-LC	9	5LDLC-M09
LC-LC	10	5LDLC-M10
LC-LC	12	5LDLC-M12
LC-LC	15	5LDLC-M15
SC-LC	1	5LDCL-M01
SC-LC	2	5LDCL-M02
SC-LC	3	5LDCL-M03
SC-LC	4	5LDCL-M04
SC-LC	5	5LDCL-M05
SC-LC	7	5LDCL-M07
SC-LC	9	5LDCL-M09
SC-LC	10	5LDCL-M10
SC-LC	12	5LDCL-M12
SC-LC	15	5LDCL-M15
SC-SC	1	5LDSC-M01
SC-SC	2	5LDSC-M02
SC-SC	3	5LDSC-M03
SC-SC	4	5LDSC-M04
SC-SC	5	5LDSC-M05
SC-SC	7	5LDSC-M07
SC-SC	9	5LDSC-M09
SC-SC	10	5LDSC-M10
SC-SC	12	5LDSC-M12
SC-SC	15	5LDSC-M15

50/125 μM LOMM (OM4) OFNR DUPLEX		
DESCRIPTION	LENGTH (METERS)	DUPLEX
LC-LC	1	54DLC-M01
LC-LC	2	54DLC-M02
LC-LC	3	54DLC-M03
LC-LC	4	54DLC-M04
LC-LC	5	54DLC-M05
LC-LC	6	54DLC-M06
LC-LC	7	54DLC-M07
LC-LC	8	54DLC-M08
LC-LC	9	54DLC-M09
LC-LC	10	54DLC-M10
LC-LC	12	54DLC-M12
LC-LC	15	54DLC-M15
SC-LC	1	54DCL-M01
SC-LC	2	54DCL-M02
SC-LC	3	54DCL-M03
SC-LC	4	54DCL-M04
SC-LC	5	54DCL-M05
SC-LC	6	54DCL-M06
SC-LC	7	54DCL-M07
SC-LC	8	54DCL-M08
SC-LC	9	54DCL-M09
SC-LC	10	54DCL-M10
SC-LC	12	54DCL-M12
SC-LC	15	54DCL-M15



ECONOMY SINGLE-MODE PATCH CORDS

- Available in standard LC, SC, ST, or hybrid options
- Riser-rated, duplex zip-cord cable
- UPC or APC polish-style connectors
- Insertion loss: 0.3 dB Max,
Return loss: >50 dB (UPC), >55 dB (APC)
- Low-Smoke Halogen-Free (LSHF/LSZH) OS2 available by special order

ECONOMY PIGTAILS

- Available in LC, LC/APC, SC, SC/APC, or ST connector styles
- Single-mode insertion loss: 0.25 dB Max,
Return loss: >50 dB (UPC), >55 dB (APC)
- Multimode insertion loss: 0.35 dB Max,
Return loss: >25 dB
- Stock available for white 900 μ m buffer in 3-meter length
- Application use: fusion or mechanical splicing
- 12-fiber color-coded pigtail kit, colors per ANSI/TIA-598-D
- Pigtail kits packaged in plastic-free 100% recyclable materials

9/125 μ m SINGLE-MODE PATCH CORDS (OS2)

DESCRIPTION	1 METER	2 METERS	3 METERS	5 METERS	10 METERS
[A] LC-LC, duplex	UPDLC-S01	UPDLC-S02	UPDLC-S03	UPDLC-S05	UPDLC-S10
[B] SC-LC, duplex	UPDCL-S01	UPDCL-S02	UPDCL-S03	UPDCL-S05	UPDCL-S10
SC-SC, duplex	UPDSC-S01	UPDSC-S02	UPDSC-S03	UPDSC-S05	UPDSC-S10
SC-ST, duplex	UPDCT-S01	UPDCT-S02	UPDCT-S03	UPDCT-S05	UPDCT-S10
ST-ST, duplex	UPDST-S01	UPDST-S02	UPDST-S03	UPDST-S05	UPDST-S10

[C] APC SINGLE-MODE PATCH CORDS (OS2)

SC-SC*, simplex	APSSC-S01	APSSC-S02	APSSC-S03	APSSC-S05	APSSC-S10
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MULTIMODE PIGTAIL - SIMPLEX (3 METERS)

DESCRIPTION	LC	SC	ST
62.5/125 μ m, OM1	62PLC-M03	62PSC-M03	62PST-M03
50/125 μ m, LOMM, OM3	5LPLC-M03	5LPSC-M03	5LPST-M03
50/125 μ m, LOMM, OM4	54PLC-M03	54PSC-M03	—

12-FIBER INDIVIDUAL COLOR-CODED PIGTAIL KITS (3 METERS)

62.5/125 μ m, OM1	62PLC-KIT	62PSC-KIT	62PST-KIT
50/125 μ m LOMM, OM3	5LPLC-KIT	5LPSC-KIT	5LPST-KIT
50/125 μ m LOMM, OM4	54PLC-KIT	54PSC-KIT	—
UPC Polish SM, OS2	UPPLC-KIT	UPPSC-KIT	UPPST-KIT

SINGLE-MODE PIGTAIL - SIMPLEX (3 METERS)

UPC polish	UPPLC-S03	UPPSC-S03	UPPST-S03
APC polish	APPLC-S03	APPSC-S03	—

* = Minimum order quantities and lead times may apply.

Contact Customer Service for 6-fiber pigtail kits, other configurations, or custom lengths.



TIGHT BUFFERED PREMISES DISTRIBUTION INDOOR/OUTDOOR CABLES

- Designed for LAN/WAN campus and building backbone cabling infrastructure
- Suitable for outside plant installation in conduit below the frost line (non-aerial lashed)
- Enables installations from outside plant into building with no transition point requirement
- High tensile strength, crush-resistant, and flexible small-diameter all dielectric design
- 900 μ m tight buffered and ready for direct termination; no fan-out kits needed
- Available with ARMOR-TEK™ Interlocking Armor
- Fully water-blocked core or subunits using all dry technology
- Fungus and sunlight resistant
- Suitable for in-tray, conduit, or outside plant applications following TIA/EIA-758 Standard

TIGHT BUFFERED PREMISES DISTRIBUTION CABLES

- Designed for plenum and riser environments, including horizontal and interbuilding backbone structures
- High tensile strength, flexible, small-diameter, 900 μ m tight buffered, all dielectric construction
- Allows for mix and match of fiber components to specific networking applications
- Available with ARMOR-TEK™ Interlocking Armor
- Suitable for conduit or in-tray applications

[A] TIGHT BUFFERED PREMISES DISTRIBUTION INDOOR/OUTDOOR CABLES

DESCRIPTION	PLENUM RATED	RISER RATED
Tight Buffered Interconnect I/O Cable, 2-Fiber	ICP002xxxxxx-I/O-C4(yyy)	ICR002xxxxxx-I/O(BLA)
Tight Buffered Interconnect I/O Cable, 4-Fiber	ICP004xxxxxx-I/O-C4(yyy)	ICR004xxxxxx-I/O(BLA)
Tight Buffered Premises Distribution I/O Cable, 6-Fiber	PDP006xxxxxx-I/O-C4(yyy)	PDR006xxxxxx-I/O(BLA)
Tight Buffered Premises Distribution I/O Cable, 12-Fiber	PDP012xxxxxx-I/O-C4(yyy)	PDR012xxxxxx-I/O(BLA)
Tight Buffered Premises Distribution I/O Cable, 24-Fiber	PDP024xxxxxx-I/O-C4(yyy)	PDR024xxxxxx-I/O(BLA)
Tight Buffered Premises Distribution I/O Cable, 36-Fiber	PDP12B036xxxxxx-I/O-C4(yyy)	PDR12B036xxxxxx-I/O(BLA)
Tight Buffered Premises Distribution I/O Cable, 48-Fiber	PDP12B048xxxxxx-I/O-C4(yyy)	PDR12B048xxxxxx-I/O(BLA)
Tight Buffered Premises Distribution I/O Cable, 72-Fiber	PDP12B072xxxxxx-I/O-C4(yyy)	PDR12B072xxxxxx-I/O(BLA)
Tight Buffered Premises Distribution I/O Cable, 96-Fiber	PDP12B096xxxxxx-I/O-C4(yyy)	PDR12B096xxxxxx-I/O(BLA)
Tight Buffered Premises Distribution I/O Cable, 144-Fiber	PDP12B144xxxxxx-I/O-C4(yyy)	PDR12B144xxxxxx-I/O(BLA)

[B] TIGHT BUFFERED PREMISES DISTRIBUTION CABLES

Tight Buffered Premises Distribution Cable, 6-Fiber	PDP006xxxxxx	PDR006xxxxxx
Tight Buffered Premises Distribution Cable, 12-Fiber	PDP012xxxxxx	PDR012xxxxxx
Tight Buffered Premises Distribution Cable, 24-Fiber	PDP024xxxxxx	PDR024xxxxxx
Tight Buffered Premises Distribution Cable, 36-Fiber	PDP12B036xxxxxx	PDR12B036xxxxxx
Tight Buffered Premises Distribution Cable, 48-Fiber	PDP12B048xxxxxx	PDR12B048xxxxxx
Tight Buffered Premises Distribution Cable, 72-Fiber	PDP12B072xxxxxx	PDR12B072xxxxxx
Tight Buffered Premises Distribution Cable, 96-Fiber	PDP12B096xxxxxx	PDR12B096xxxxxx
Tight Buffered Premises Distribution Cable, 144-Fiber	PDP12B144xxxxxx	PDR12B144xxxxxx

xxxxxx = Fiber Type: OM1 (CB3510/25), OM3 (EB3010/25), OM4 (FB3010/F5), OM4+ (XB3010/X5), OM5 (WB3010/W5), OS2 (AB0707)
 yyy = Color: ORA (orange), AQU (aqua), VIO (violet), LIM (lime green), YEL (yellow), BLA (black)



TIGHT BUFFERED INTERCONNECT CABLES

- Designed for installation in plenum or riser environments, including horizontal and patch cord applications
- Space-saving design allows for dense patchcord cable installations
- High tensile strength, flexible, small-diameter, 900 µm tight buffered construction in the ICP Series
- Microconnect reduced diameter cables available with 600 µm tight buffered fibers
- Cost-saving design, easy to install and terminate
- Allows for mix and match of fiber components to specific networking applications
- Suitable for conduit or in tray installations

[A] TIGHT BUFFERED INTERCONNECT CABLES

DESCRIPTION	PLENUM RATED	RISER RATED
Tight Buffered Interconnect Cable, 1-Fiber, 600 µm or 900 µm	MCP001xxxxxx	—
Tight Buffered Interconnect Cable, 2-Fiber, 600 µm	MCP002xxxxxx	—
Tight Buffered Interconnect Cable, 2 duplex fibers, 600 µm or 900 µm	MCP0X0xxxxxx	—
Tight Buffered Interconnect Cable, 1-Fiber, 900 µm	ICP001xxxxxx	ICR001xxxxxx
Tight Buffered Interconnect Cable, 2-Fibers, 900 µm	ICP002xxxxxx	ICR002xxxxxx
Tight Buffered Interconnect Cable, 2 duplex fibers, 900 µm	ICP0X0xxxxxx	ICR0X0xxxxxx
Tight Buffered Interconnect Cable, 4-Fiber, 900 µm	ICP004xxxxxx	ICR004xxxxxx

xxxxxx = Fiber Type: OM1 (CB3510/25), OM3 (EB3010/25), OM4 (FB3010/F5), OM4+ (XB3010/X5), OM5 (WB3010/W5), OS2 (AB0707)
BLA = (black)



A

TIGHT BUFFERED HEAVY DUTY BREAKOUT CABLES

- Designed for installation in horizontal and other harsh environments where additional strength and fiber protection are required
- High tensile strength
- All-dielectric construction or Aluminum interlock armored designs available
- Armor option adds crush resistance and protection from rodent attacks
- Water-blocked indoor/outdoor and harsh environment designs available
- Ease of installation
- Allows for mix and match of fiber components to specific networking applications
- Suitable for conduit or in-tray installations
- Low cable plant maintenance

[A] TIGHT BUFFERED HEAVY DUTY BREAKOUT CABLES

DESCRIPTION	PLENUM RATED	RISER RATED
Tight Buffered Heavy Duty Breakout Cable, 2-Fiber	HDP002xxxxxx	HDR002xxxxxx
Tight Buffered Heavy Duty Breakout Cable, 4-Fiber	HDP004xxxxxx	HDR004xxxxxx
Tight Buffered Heavy Duty Breakout Cable, 6-Fiber	HDP006xxxxxx	HDR006xxxxxx
Tight Buffered Heavy Duty Breakout Cable, 12-Fiber	HDP012xxxxxx	HDR012xxxxxx
Tight Buffered Heavy Duty Breakout Cable, 24-Fiber	HDP024xxxxxx	HDR024xxxxxx
Tight Buffered Heavy Duty Breakout Cable, 36-Fiber	HDP036xxxxxx	HDR036xxxxxx
Tight Buffered Heavy Duty Breakout Cable, 48-Fiber	—	HDR048xxxxxx

xxxxxx = Fiber Type: OM1 (CB3510/25), OM3 (EB3010/25), OM4 (FB3010/F5), OM4+ (XB3010/X5), OM5 (WB3010/W5), OS2 (AB0707)

FIBER OPTIC CABLE PART NUMBERING

Leviton's Fiber Optic Cable part numbers are composed of two basic units, the Cable Prefix and the Fiber Suffix. Throughout this catalog, fiber part number prefixes for each cable type are listed in the second or third column of the Technical Data tables. To accurately build your fiber part number, select the correct prefix and suffix.

SAMPLE PART NUMBER: **PDPK012EB3010/25-I/O-C4C5(AQU)**

CABLE PREFIX				FIBER SUFFIX		
CABLE FAMILY		CABLE OPTIONS		FIBER COUNT	FIBER TYPE	SUFFIX
PD Premises Distribution	P Plenum	001 Strand 1-24	CB3510/25 OM1	-I/O Tight Buffered Indoor/Outdoor		
LT Dry Loose Tube	R Riser	8Bxxx Subunit design: xxx = strand count ≥ 8-Fiber (8B008 to max strand count)		-HE Harsh Environment		
HD Heavy Duty (breakout)	PK Plenum ARMOR-TEK™	12Bxxx Subunit Design: xxx = strand count 1 to 12-Fiber (001 to 012) 18 to 24-Fiber (018 to 024 OR 12B018 to 12B024) > 24-Fiber (12B036 to max strand count)		-C4 Special Jacket Color		
IC Interconnect	RK Riser ARMOR-TEK			-C5 Special Jacket Color over Armor		
MC Mini-Connect	RZ Riser Zero Halogen			-D2 Special Subunit Diameter		
SJ Data Center	A Corrugated Steel Armor			-D4 Special Outer Diameter		
RD Ribbon Cable	AD Corrugated Steel Armor (stranded)			-L1 Special Print		
OP Outside Plant	D Dielectric					
	DD Dielectric (>12 strands)					



LOOSE TUBE ADVENTUM™ INDOOR/OUTDOOR CABLES

- Place anywhere in a network, bypassing the traditional transition points required in most installations, saving significant cost over traditional OSP cables
- Plenum rating enables direct installation from outside plant to riser shaft with no transition points
- Cable core and buffered tubes use dry water-blocking technology
- Interlocking armor designs available
- No cleaning of gels required for installation, greatly reducing installation time and cost
- System grounding requirements are eliminated (for non-armored versions)
- Suitable for conduit or in-tray installations

LOOSE TUBE ADVENTUM INDOOR/OUTDOOR HARSH ENVIRONMENT CABLES

- Plenum-rated Indoor/Outdoor Harsh Environment cable designed for LAN/WAN campus, building backbones, and industrial environments
- Harsh Environment (HE) chemical resistant jacket
- UV resistant outer jacket protects the cable in outside plant installations
- Install directly from outside plant to riser shaft or through plenum spaces without transition points
- Interlocking armor designs available
- Used inside or between buildings or industrial environments where corrosive chemicals, fuels, or vapors may be present
- Dry water-blocked, plenum-rated, flexible loose tube design of all dielectric construction allows for installation in outside plant or interior spaces
- No cleaning of gels required for installation, greatly reducing installation time and cost
- System grounding requirements are eliminated (for non-armored versions)
- Suitable for conduit or in-tray installations

[A] LOOSE TUBE ADVENTUM INDOOR/OUTDOOR CABLES

DESCRIPTION	PLENUM RATED	RISER RATED
Loose Tube ADVENTUM I/O Cable, 6-Fiber	LTP006xxxxxx	LTR006xxxxxx
Loose Tube ADVENTUM I/O Cable, 12-Fiber	LTP012xxxxxx	LTR012xxxxxx
Loose Tube ADVENTUM I/O Cable, 24-Fiber	LTP12B024xxxxxx	LTR12B024xxxxxx
Loose Tube ADVENTUM I/O Cable, 48-Fiber	LTP12B048xxxxxx	LTR12B048xxxxxx
Loose Tube ADVENTUM I/O Cable, 72-Fiber	LTP12B072xxxxxx	LTR12B072xxxxxx
Loose Tube ADVENTUM I/O Cable, 96-Fiber	LTP12B096xxxxxx	LTR12B096xxxxxx
Loose Tube ADVENTUM I/O Cable, 144-Fiber	LTP12B144xxxxxx	LTR12B144xxxxxx
Loose Tube ADVENTUM I/O Cable, 288-Fiber	LTP12B288xxxxxx	LTR12B288xxxxxx
Loose Tube ADVENTUM I/O Cable, 432-Fiber	LTP12B432xxxxxx	LTR12B432xxxxxx

[B] LOOSE TUBE ADVENTUM INDOOR/OUTDOOR HARSH ENVIRONMENT CABLES

DESCRIPTION	PART NO.
Loose Tube ADVENTUM I/O Harsh Environment Cable, 6-Fiber, plenum rated	LTP12B006xxxxxx-HE-D4
Loose Tube ADVENTUM I/O Harsh Environment Cable, 12-Fiber, plenum rated	LTP12B012xxxxxx-HE-D4
Loose Tube ADVENTUM I/O Harsh Environment Cable, 24-Fiber, plenum rated	LTP12B024xxxxxx-HE-D4
Loose Tube ADVENTUM I/O Harsh Environment Cable, 48-Fiber, plenum rated	LTP12B048xxxxxx-HE-D4
Loose Tube ADVENTUM I/O Harsh Environment Cable, 72-Fiber, plenum rated	LTP12B072xxxxxx-HE
Loose Tube ADVENTUM I/O Harsh Environment Cable, 96-Fiber, plenum rated	LTP12B096xxxxxx-HE
Loose Tube ADVENTUM I/O Harsh Environment Cable, 144-Fiber, plenum rated	LTP12B144xxxxxx-HE
Loose Tube ADVENTUM I/O Harsh Environment Cable, 288-Fiber, plenum rated	LTP12B288xxxxxx-HE
Loose Tube ADVENTUM I/O Harsh Environment Cable, 432-Fiber, plenum rated	LTP12B432xxxxxx-HE

xxxxxx = Fiber Type: OM1 (CB3510/25), OM3 (EB3010/25), OM4 (FB3010/F5), OM4+ (XB3010/X5), OM5 (WB3010/W5), OS2 (AB0403)



LOOSE TUBE OUTSIDE PLANT CABLES

- Designed for installation in demanding environments such as aerial lashing, outdoor conduits, cable tray installations, and pathways exposed to wide temperature fluctuations
- Gel-filled loose tubes
- Fully water-blocked core using dry water-blocking technology
- Armored designs available for rodent resistance and direct burial installations
- High tensile strength, crush-resistant and small-diameter design allows for installation in tight spaces
- Provides for greater pulling distances, reducing installation time

LOOSE TUBE DRY OUTSIDE PLANT CABLES

- Designed for installation in demanding environments such as aerial lashing, outdoor conduits, cable tray installations, and pathways exposed to wide temperature fluctuations
- Fully water-blocked cable using dry water-blocking technology
- High tensile strength, crush-resistant, and small diameter design
- Provides for greater pulling distances, reducing installation time

LOOSE TUBE OUTSIDE PLANT CABLES

DESCRIPTION	PART NO.
Loose Tube Outside Plant Cable, 6-Fiber	OPD006xxxxxx
Loose Tube Outside Plant Cable, 12-Fiber	OPD012xxxxxx
Loose Tube Outside Plant Cable, 24-Fiber	OPDD12B024xxxxxx
Loose Tube Outside Plant Cable, 48-Fiber	OPDD12B048xxxxxx
Loose Tube Outside Plant Cable, 72-Fiber	OPDD12B072xxxxxx
Loose Tube Outside Plant Cable, 96-Fiber	OPDD12B096xxxxxx
Loose Tube Outside Plant Cable, 144-Fiber	OPDD12B144xxxxxx
Loose Tube Outside Plant Cable, 216-Fiber	OPDD12B216xxxxxx
Loose Tube Outside Plant Cable, 288-Fiber	OPDD12B288xxxxxx
Loose Tube Outside Plant Cable, 432-Fiber	OPDD12B432xxxxxx

[A] LOOSE TUBE DRY OUTSIDE PLANT CABLES

Loose Tube Dry Outside Plant Cable, 6-Fiber	LTD12B006xxxxxx-M2
Loose Tube Dry Outside Plant Cable, 12-Fiber	LTD12B012xxxxxx-M2
Loose Tube Dry Outside Plant Cable, 24-Fiber	LTD12B024xxxxxx-M2
Loose Tube Dry Outside Plant Cable, 36-Fiber	LTD12B036xxxxxx-M2
Loose Tube Dry Outside Plant Cable, 48-Fiber	LTD12B048xxxxxx-M2
Loose Tube Dry Outside Plant Cable, 60-Fiber	LTD12B060xxxxxx-M2
Loose Tube Dry Outside Plant Cable, 72-Fiber	LTD12B072xxxxxx-M2
Loose Tube Dry Outside Plant Cable, 96-Fiber	LTD12B096xxxxxx-M2
Loose Tube Dry Outside Plant Cable, 120-Fiber	LTD12B120xxxxxx-M2
Loose Tube Dry Outside Plant Cable, 144-Fiber	LTD12B144xxxxxx-M2
Loose Tube Dry Outside Plant Cable, 216-Fiber	LTD12B216xxxxxx-M2
Loose Tube Dry Outside Plant Cable, 288-Fiber	LTD12B288xxxxxx-M2

xxxxxx = Fiber Type: OM1 (CB3510/25), OM3 (EB3010/25), OM4 (FB3010/F5), OM4+ (XB3010/X5), OM5 (WB3010/W5), OS2 Loose Tube Outside Plant (AB0302), OS2 Loose Tube Dry Outside Plant (AB0403)



LOOSE TUBE OUTSIDE PLANT ARMORED CABLES

- Designed for installation in demanding environments such as aerial lashing, outdoor conduits, cable tray installations, and pathways exposed to wide temperature fluctuations
- Gel-filled loose tubes
- Fully water-blocked core using dry water-blocking technology
- Corrugated steel armor provides rodent resistance
- High tensile strength, crush resistant design
- Provides for greater pulling distances, reducing installation time
- Recommended for direct burial applications

LOOSE TUBE DRY OUTSIDE PLANT ARMORED CABLES

- Designed for installation in demanding environments such as aerial lashing, outdoor conduits, cable tray installations, and pathways that are subjected to wide temperature variations
- Fully water-blocked cable using dry water-blocking technology
- Corrugated steel armor provides rodent resistance
- High tensile strength, crush-resistant design
- Provides for greater pulling distances, reducing installation time
- Recommended for direct burial applications

[A] LOOSE TUBE OUTSIDE PLANT ARMORED CABLES

DESCRIPTION	PART NO.
Loose Tube Outside Plant Armored Cable, 6-Fiber	OPA006xxxxxx
Loose Tube Outside Plant Armored Cable, 12-Fiber	OPA012xxxxxx
Loose Tube Outside Plant Armored Cable, 24-Fiber	OPAD12B024xxxxxx
Loose Tube Outside Plant Armored Cable, 48-Fiber	OPAD12B048xxxxxx
Loose Tube Outside Plant Armored Cable, 72-Fiber	OPAD12B072xxxxxx
Loose Tube Outside Plant Armored Cable, 96-Fiber	OPAD12B096xxxxxx
Loose Tube Outside Plant Armored Cable, 144-Fiber	OPAD12B144xxxxxx
Loose Tube Outside Plant Armored Cable, 216-Fiber	OPAD12B216xxxxxx

[B] LOOSE TUBE DRY OUTSIDE PLANT ARMORED CABLES

Loose Tube Dry Outside Plant Armored Cable, 6-Fiber	LTAD12B006xxxxxx-1A1J-M2
Loose Tube Dry Outside Plant Armored Cable, 12-Fiber	LTAD12B012xxxxxx-1A1J-M2
Loose Tube Dry Outside Plant Armored Cable, 24-Fiber	LTAD12B024xxxxxx-1A1J-M2
Loose Tube Dry Outside Plant Armored Cable, 36-Fiber	LTAD12B036xxxxxx-1A1J-M2
Loose Tube Dry Outside Plant Armored Cable, 48-Fiber	LTAD12B048xxxxxx-1A1J-M2
Loose Tube Dry Outside Plant Armored Cable, 60-Fiber	LTAD12B060xxxxxx-1A1J-M2
Loose Tube Dry Outside Plant Armored Cable, 72-Fiber	LTAD12B072xxxxxx-1A1J-M2
Loose Tube Dry Outside Plant Armored Cable, 96-Fiber	LTAD12B096xxxxxx-1A1J-M2
Loose Tube Dry Outside Plant Armored Cable, 120-Fiber	LTAD12B120xxxxxx-1A1J-M2
Loose Tube Dry Outside Plant Armored Cable, 144-Fiber	LTAD12B144xxxxxx-1A1J-M2
Loose Tube Dry Outside Plant Armored Cable, 216-Fiber	LTAD12B216xxxxxx-1A1J-M2
Loose Tube Dry Outside Plant Armored Cable, 288-Fiber	LTAD12B288xxxxxx-1A1J-M2

xxxxxx = Fiber Type: OM1 (CB3510/25), OM3 (EB3010/25), OM4 (FB3010/F5), OM4+ (XB3010/X5), OM5 (WB3010/W5), OS2 Loose Tube Dry Outside Plant Armored (AB0302), OS2 for Loose Tube Data Center (AB0403)



OPT-X™ SJP INDOOR LOOSE TUBE BASE-12 AND BASE-8 CABLES, PLENUM RATED

- Micro data center plenum cables designed for high density plenum-rated environments
- 2.0 mm space-saving buffer tubes permit direct connectorization for MPO connectors
- High tensile strength for installation in data centers and indoor enterprise applications
- Dry color-coded loose tubes containing up to 12, 250 µm, individually colored fibers
- Suitable for conduit or in-tray applications
- System grounding requirements are eliminated (for non-armored versions)
- Available with ARMOR-TEK™ Interlocking Armor
- Optimized access ease with simple, off-the-shelf tools



OPT-X™ SJP016 INDOOR LOOSE TUBE ARRAY CORD CABLE, PLENUM RATED

- 2.3 mm space saving design
- Aramid strength yarns permit direct connectorization for MPO
- Optimized access with simple, off-the-shelf tools
- Dry color coded loose tube containing 16, 250 µm, individually colored fibers



OPT-X SJZ INDOOR LOOSE TUBE BASE-12 AND BASE-8 CABLES, CPR & RISER LSHF RATED

- Micro data center Euroclass riser LSHF cables designed for high density environments
- Cable is rated as Euroclass B2ca s1a d1 a1, OFNR-ST1 and OFNR-FT4-ST1
- 2.0 mm space-saving buffer tubes permit direct connectorization for MPO connectors
- High tensile strength for installation in data centers and indoor enterprise applications
- Dry color-coded loose tubes containing up to 12, 250 µm, individually colored fibers
- High density, all dielectric design suitable for conduit or in-tray applications
- System grounding requirements are eliminated
- Optimized access ease with simple, off-the-shelf tools

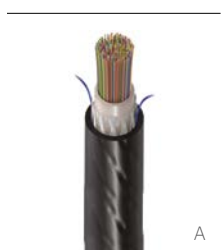
[A] OPT-X SJP INDOOR LOOSE TUBE BASE-12 AND BASE-8 CABLES, PLENUM RATED

DESCRIPTION	8-FIBER SUBUNIT	12-FIBER SUBUNIT
Micro Buffer Tube Plenum Cable, 8-Fiber (for double jacket, add -2J to part number)	SJP008xxxxxx	—
Micro Buffer Tube Plenum Cable, 12-Fiber (for double jacket, add -2J to part number)	—	SJP012xxxxxx
Micro Buffer Tube Plenum Cable, 16-Fiber	SJP8B016xxxxxx	—
Micro Buffer Tube Plenum Cable, 24-Fiber	SJP8B024xxxxxx	SJP12B024xxxxxx
Micro Buffer Tube Plenum Cable, 32-Fiber	SJP8B032xxxxxx	—
Micro Buffer Tube Plenum Cable, 48-Fiber	SJP8B048xxxxxx	SJP12B048xxxxxx
Micro Buffer Tube Plenum Cable, 64-Fiber	SJP8B064xxxxxx	—
Micro Buffer Tube Plenum Cable, 72-Fiber	SJP8B072xxxxxx	SJP12B072xxxxxx
Micro Buffer Tube Plenum Cable, 96-Fiber	SJP8B096xxxxxx	SJP12B096xxxxxx
Micro Buffer Tube Plenum Cable, 128-Fiber	SJP8B128xxxxxx	—
Micro Buffer Tube Plenum Cable, 144-Fiber	SJP8B144xxxxxx	SJP12B144xxxxxx
Micro Buffer Tube Plenum Cable, 192-Fiber	SJP8B192xxxxxx	—
Micro Buffer Tube Plenum Cable, 288-Fiber	—	SJP12B288xxxxxx

[C] OPT-X SJZ INDOOR LOOSE TUBE BASE-12 AND BASE-8 CABLES, CPR & RISER LSHF RATED

Micro Buffer Tube CPR & Riser LSHF Cable, 12-Fiber	—	SJZ012xxxxxx-2J
Micro Buffer Tube CPR & Riser LSHF Cable, 16-Fiber	SJZ8B016xxxxxx	—
Micro Buffer Tube CPR & Riser LSHF Cable, 24-Fiber	SJZ8B024xxxxxx	SJZ12B024xxxxxx
Micro Buffer Tube CPR & Riser LSHF Cable, 32-Fiber	SJZ8B032xxxxxx	—
Micro Buffer Tube CPR & Riser LSHF Cable, 48-Fiber	SJZ8B048xxxxxx	SJZ12B048xxxxxx
Micro Buffer Tube CPR & Riser LSHF Cable, 64-Fiber	SJZ8B064xxxxxx	—
Micro Buffer Tube CPR & Riser LSHF Cable, 72-Fiber	SJZ8B072xxxxxx	SJZ12B072xxxxxx
Micro Buffer Tube CPR & Riser LSHF Cable, 96-Fiber	SJZ8B096xxxxxx	SJZ12B096xxxxxx
Micro Buffer Tube CPR & Riser LSHF Cable, 128-Fiber	SJZ8B128xxxxxx	—
Micro Buffer Tube CPR & Riser LSHF Cable, 144-Fiber	SJZ8B144xxxxxx	SJZ12B144xxxxxx
Micro Buffer Tube CPR & Riser LSHF Cable, 192-Fiber	SJZ8B192xxxxxx	—
Micro Buffer Tube CPR & Riser LSHF Cable, 288-Fiber	—	SJZ12B288xxxxxx

xxxxxx = Fiber Type: OM1 (CB3510/25), OM3 (EB3010/25), OM4 (FB3010/F5), OM4+ (XB3010/X5), OM5 (WB3010/W5), OS2 (AB0707)



INDOOR/OUTDOOR LSHF/LSZH RISER — FLEX RIBBON CABLES

- Features a flame retardant outer jacket and 12-fiber flexible ribbons constructed of 250 µm color-coded optical fiber for easy fiber identification
- Flexible ribbon construction is designed to both pack densely in small form factor cables and transform quickly, by hand only, to splice-ready form for rapid 12-fiber ribbon splicing
- This Low Smoke Halogen Free cable is designed for use in such areas as subway systems and tunnels
- Each ribbon is identified with a unique identification number and code, printed on the ribbon surface



INDOOR FLAT RIBBON CABLES

- Ribbons use a peelable protective UV cured acrylate coating easily separated for single fiber splicing if needed
- Easily interfaced to MT and MPO based connectors, as well as today's newest ribbon connectors
- Two layers of flexible strength members
- Cable design offers excellent mechanical performance with superior crush and flex ratings
- Mass fusion splicing ribbon cable enables faster project completion and reduced labor costs
- Available in aluminum interlock armored designs for added crush resistance and as a cost effective alternative to innerduct

[A] INDOOR/OUTDOOR LSHF/LSZH RISER — FLEX RIBBON CABLES

DESCRIPTION	RISER RATED
I/O LSHF/LSZH Riser Flex Ribbon Cable, OS2, 72-Fiber	RDRZF12B072AB0403-I/O(BLA)-M4
I/O LSHF/LSZH Riser Flex Ribbon Cable, OS2, 96-Fiber	RDRZF12B096AB0403-I/O(BLA)-M4
I/O LSHF/LSZH Riser Flex Ribbon Cable, OS2, 144-Fiber	RDRZF12B144AB0403-I/O(BLA)-M4
I/O LSHF/LSZH Riser Flex Ribbon Cable, OS2, 192-Fiber	RDRZF12B192AB0403-I/O(BLA)-M4
I/O LSHF/LSZH Riser Flex Ribbon Cable, OS2, 288-Fiber	RDRZF12B288AB0403-I/O(BLA)-M4
I/O LSHF/LSZH Riser Flex Ribbon Cable, OS2, 432-Fiber	RDRZF12B432AB0403-I/O(BLA)-M4
I/O LSHF/LSZH Riser Flex Ribbon Cable, OS2, 864-Fiber	RDRZF12B864AB0403-I/O(BLA)-M4
I/O LSHF/LSZH Riser Flex Ribbon Cable, OS2, 1,728-Fiber	RDRZF12B1728AB0403-I/O(BLA)-M4

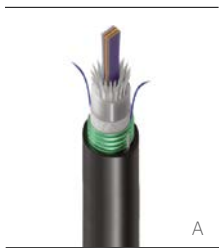
INDOOR — FLEX RIBBON CABLES

DESCRIPTION	PLENUM RATED	RISER RATED
Indoor Flex Ribbon Cable, OS2, 72-Fiber	RDPF12B072AB0403-M4	—
Indoor Flex Ribbon Cable, OS2, 144-Fiber	RDPF12B144AB0403-M4	—
Indoor Flex Ribbon Cable, OS2, 216-Fiber	RDPF12B216AB0403-M4	—
Indoor Flex Ribbon Cable, OS2, 288-Fiber	RDPF12B288AB0403-M4	RDRF12B288AB0403-M4

[B] INDOOR — FLAT RIBBON CABLES

Indoor Flat Ribbon Cable, 12-Fiber	RDP12B012xxxxxx-M4	RDR12B012xxxxxx-M4
Indoor Flat Ribbon Cable, 48-Fiber	RDP12B048xxxxxx-M4	RDR12B048xxxxxx-M4
Indoor Flat Ribbon Cable, 72-Fiber	RDP12B072xxxxxx-M4	RDR12B072xxxxxx-M4
Indoor Flat Ribbon Cable, 96-Fiber	RDP12B096xxxxxx-M4	RDR12B096xxxxxx-M4
Indoor Flat Ribbon Cable, 144-Fiber	RDP12B144xxxxxx-M4	RDR12B144xxxxxx-M4
Indoor Flat Ribbon Cable, 216-Fiber	RDP12B216xxxxxx-M4	RDR12B216xxxxxx-M4
Indoor Flat Ribbon Cable, 288-Fiber	RDP24B288xxxxxx-M4	RDR24B288xxxxxx-M4
Indoor Flat Ribbon Cable, 432-Fiber	RDP24B432xxxxxx-M4	RDR24B432xxxxxx-M4
Indoor Flat Ribbon Cable, OS2, 864-Fiber	—	RDR36B864AB0403-M4

xxxxxx = Fiber Type: OM3 (EB3010/25), OM4 (FB3010/F5), OS2 (AB0403)



OUTSIDE PLANT ARMORED FLAT RIBBON CABLES

- Features a dry water block yarn that eliminates flooding gels
- Intended for duct, direct buried, and lashed aerial installations
- Steel armored sheath construction adds compressive strength required for direct buried applications

[A] OUTSIDE PLANT ARMORED FLAT RIBBON CABLES	
DESCRIPTION	PART NO.
Outside Plant Armored Flat Ribbon Cable, OS2, 48-Fiber	RDOA12B048AB0403-M4
Outside Plant Armored Flat Ribbon Cable, OS2, 96-Fiber	RDOA12B096AB0403-M4
Outside Plant Armored Flat Ribbon Cable, OS2, 144-Fiber	RDOA12B144AB0403-M4
Outside Plant Armored Flat Ribbon Cable, OS2, 216-Fiber	RDOA12B216AB0403-M4
Outside Plant Armored Flat Ribbon Cable, OS2, 288-Fiber	RDOA24B288AB0403-M4
Outside Plant Armored Flat Ribbon Cable, OS2, 432-Fiber	RDOA24B432AB0403-M4



HYBRID DRY INDOOR/OUTDOOR CL3-OF CABLES

- Superior hybrid cable design combines optical fiber bandwidth with power for IP cameras or media converters via power conductors
- Available with up to 12 fibers and solid 12 AWG conductors
- CL3P/PLTC-OF or CL3R/PLTC-OF, Indoor/Outdoor dry water-blocked designs
- Enables Class 2 and Class 3 power to be located further away than typically allowed, such as PoE sourcing equipment being located more than 100 meters from the closet
- Cost savings versus installation of a new electrical outlet
- CL3P/PLTC-OF or CL3R/PLTC-OF allows cable to be installed in communication pathways, trays, and conduits
- Available in aluminum interlock armored designs for added crush resistance and as a cost effective alternative to innerduct
- Allows for mix and match of copper conductors and fiber components for specific networking applications
- Immune to EMR/RFI

[A] HYBRID DRY INDOOR/OUTDOOR CL3P-OF & CL3R-OF CABLES

DESCRIPTION	PLENUM RATED	RISER RATED
Tight Buffered Dry I/O Cable, 2-Fiber, 2 x 12 AWG conductors	HDPC002xxxxxx -002X12AWG	HDRC002xxxxxx -002X12AWG
Tight Buffered Dry I/O Cable, 2-Fiber, 4 x 12 AWG conductors	HDPC002xxxxxx -004X12AWG	HDRC002xxxxxx -004X12AWG
Loose Tube Dry I/O Cable, 4-Fiber, 2 x 12 AWG conductors	ACPC004xxxxxx -002x12AWG	ACRC004xxxxxx -002x12AWG
Loose Tube Dry I/O Cable, 8-Fiber, 4 x 12 AWG conductors	ACPC008xxxxxx -004X12AWG	ACRC008xxxxxx -004X12AWG
Loose Tube Dry I/O Cable, 12-Fiber, 2 x 12 AWG conductors	ACPC012xxxxxx -002X12AWG	ACRC012xxxxxx -002X12AWG
Loose Tube Dry I/O Cable, 12-Fiber, 4 x 12 AWG conductors	ACPC012xxxxxx -004X12AWG	ACRC012xxxxxx -004X12AWG

xxxxxx = Fiber type: OM1 (CB3510/25), OM3 (EB3010/25), OM4 (FB3010/F5), OM4+ (XB3010/X5), OM5 (WB3010/W5), OS2 Tight Buffered (AB0707), OS2 Loose-Tube and Ribbon (AB0403)



ARMOR-TEK™ INTERLOCK ARMOR INDOOR/OUTDOOR CABLES

- Jacketed armor remains flexible due to the spiral wrap armoring process
- Compact outside diameters when compared to innerduct or conduit
- Available in tight buffered or loose tube and hybrid copper and fiber designs
- Aluminum interlock offers 4 to 8 times the crush resistance of a standard dielectric fiber cable
- Eliminates the need for conduit or innerduct
- Significant cost savings up in both materials and labor
- Accommodates last minute relocations or pathway changes
- Rugged armoring materials provide additional security for the fiber backbone
- Suitable for tray installations

[A] ARMOR-TEK™ INTERLOCK ARMOR INDOOR/OUTDOOR CABLES

DESCRIPTION	PLENUM RATED	RISER RATED
ARMOR-TEK Interlock Armor Tight Buffered Premises Distribution I/O Cable, 6-Fiber	PDPK006xxxxx-I/O	PDRK006xxxxx-I/O
ARMOR-TEK Interlock Armor Tight Buffered Premises Distribution I/O Cable, 12-Fiber	PDPK012xxxxx-I/O	PDRK012xxxxx-I/O
ARMOR-TEK Interlock Armor Tight Buffered Premises Distribution I/O Cable, 24-Fiber	PDPK024xxxxx-I/O	PDRK024xxxxx-I/O
ARMOR-TEK Interlock Armor Tight Buffered Premises Distribution I/O Cable, 36-Fiber	PDPK12B036xxxxx-I/O	PDRK12B036xxxxx-I/O
ARMOR-TEK Interlock Armor Tight Buffered Premises Distribution I/O Cable, 48-Fiber	PDPK12B048xxxxx-I/O	PDRK12B048xxxxx-I/O
ARMOR-TEK Interlock Armor Tight Buffered Premises Distribution I/O Cable, 72-Fiber	PDPK12B072xxxxx-I/O	PDRK12B072xxxxx-I/O
ARMOR-TEK Interlock Armor Tight Buffered Premises Distribution I/O Cable, 96-Fiber	PDPK12B096xxxxx-I/O	PDRK12B096xxxxx-I/O
ARMOR-TEK Interlock Armor Tight Buffered Premises Distribution I/O Cable, 144-Fiber	PDPK12B144xxxxx-I/O	PDRK12B144xxxxx-I/O
ARMOR-TEK Interlock Armor Loose Tube ADVENTUM™ I/O Cable, 6-Fiber	LTPK006xxxxxx	LTRK006xxxxxx
ARMOR-TEK Interlock Armor Loose Tube ADVENTUM I/O Cable, 12-Fiber	LTPK012xxxxxx	LTRK012xxxxxx
ARMOR-TEK Interlock Armor Loose Tube ADVENTUM I/O Cable, 24-Fiber	LTPK12B024xxxxxx	LTRK12B024xxxxxx
ARMOR-TEK Interlock Armor Loose Tube ADVENTUM I/O Cable, 48-Fiber	LTPK12B048xxxxxx	LTRK12B048xxxxxx
ARMOR-TEK Interlock Armor Loose Tube ADVENTUM I/O Cable, 72-Fiber	LTPK12B072xxxxxx	LTRK12B072xxxxxx
ARMOR-TEK Interlock Armor Loose Tube ADVENTUM I/O Cable, 96-Fiber	LTPK12B096xxxxxx	LTRK12B096xxxxxx
ARMOR-TEK Interlock Armor Loose Tube ADVENTUM I/O Cable, 144-Fiber	LTPK12B144xxxxxx	LTRK12B144xxxxxx
ARMOR-TEK Interlock Armor Loose Tube ADVENTUM I/O Cable, 288-Fiber	LTPK12B288xxxxxx	LTRK12B288xxxxxx
ARMOR-TEK Interlock Armor Loose Tube ADVENTUM I/O Cable, 432-Fiber	LTPK12B432xxxxxx	LTRK12B432xxxxxx

xxxxxx = Fiber Type: OM1 (CB3510/25), OM3 (EB3010/25), OM4 (FB3010/F5), OM4+ (XB3010/X5), OM5 (WB3010/W5), OS2 Tight Buffered (AB0707), OS2 Loose Tube (AB0403)
 Note: Armored cable should be grounded on one end. Additional ARMOR-TEK constructions available. Contact Customer Service with inquiries.

BERK-TEK

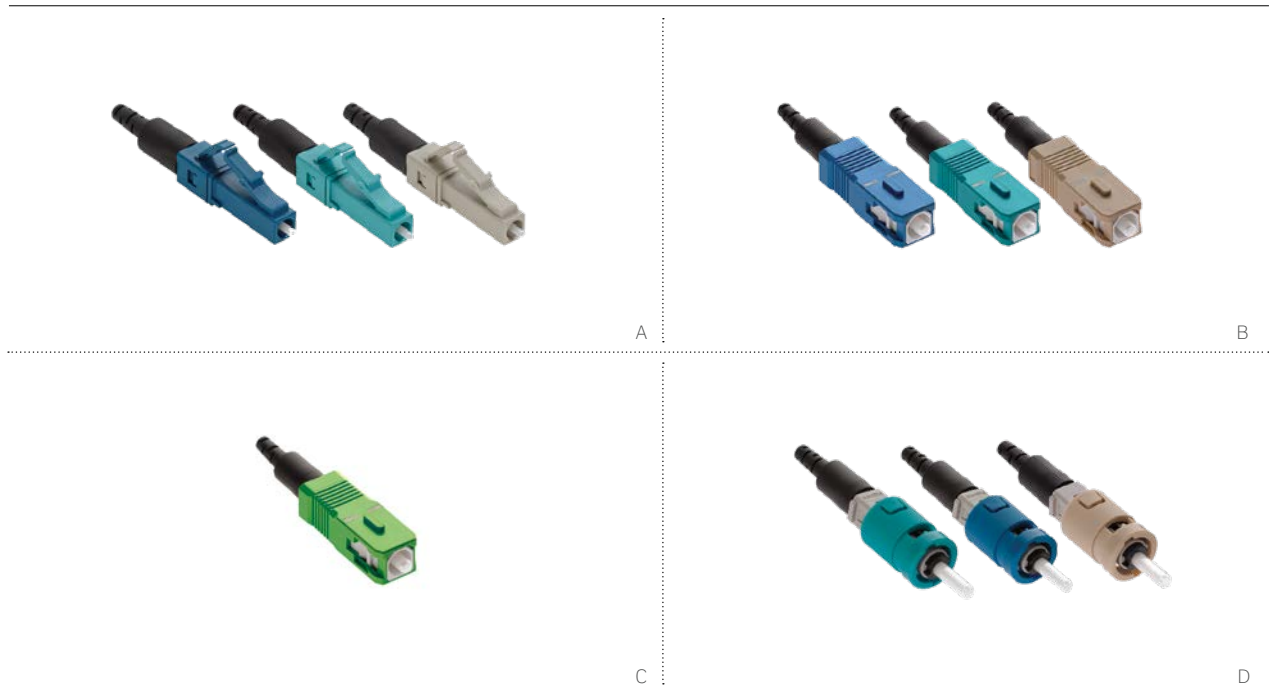
+1 (800) 237 5835 | infoUSA@leviton.com



FASTSPlice FUSION SPlice-ON CONNECTORS

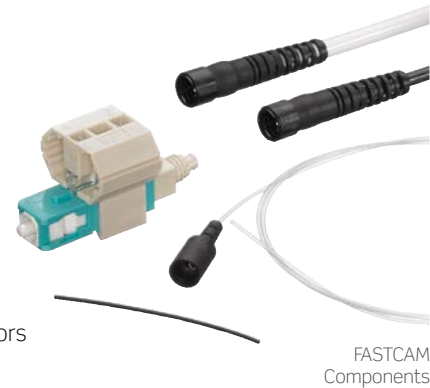
- Terminated on 250 μ m or 900 μ m buffered fiber
- LC, SC, ST options
- FASTSPlice Tool Kit available with cutting/stripping tools and cleaning supplies
- FASTSPlice Universal Ferrule Holder supports 100+ splice-on connector terminations (sold separately)
- Holder compatible with AFL, Sumitomo, and FITEL® splicers
- FASTSPlice also compatible with UCL Swift splicers (UCL Swift holder PN: F-20/30 required)

FASTSPlice FUSION SPlice-ON CONNECTORS				
DESCRIPTION (900 μ m 12-PACK)	APC OS2	OS2 SINGLE-MODE	OM1 MULTIMODE	OM3 & OM4 LOMM
[A] LC FASTSPlice Connector	499LC-GN9 (Green)	499LC-BL9 (Blue)	499LC-BG9 (Beige)	499LC-AQ9 (Aqua)
[B] SC FASTSPlice Connector	499SC-GN9 (Green)	499SC-BL9 (Blue)	499SC-BG9 (Beige)	499SC-AQ9 (Aqua)
[C] ST FASTSPlice Connector		499ST-BL9 (Blue)	499ST-BG9 (Beige)	499ST-AQ9 (Aqua)
FASTSPlice ACCESSORIES				
[D] Universal LC/ST/SC Ferrule Holder, 10-pack				49886-SH1
LC Duplex Clip, pack of 6, clear				49991-CLP
[E] FASTSPlice Tool Kit				49800-SOC



FASTCAM CONNECTORS

- Pre-polished, field-installable connectors
- Use precision zirconia ferrules
- Require no polishing or epoxy curing; provide immediate termination
- Precision mechanical termination uses molded v-groove technology to retain and align the fiber
- Terminated on 250 µm or 900 µm buffered fiber and/or 2 or 3 mm jacketed fiber
- Higher yields with Visual Fault Locator (VFL)-compatible LC, SC, and ST connectors
- Available in OM1, OM3, OM4, OS2 UPC, and OS2 APC (SC only)



FASTCAM
Components

FASTCAM CONNECTORS - 1 PER BAG

DESCRIPTION	OS2 SINGLE-MODE	OM1 MULTIMODE	OM3 & OM4 LOMM
[A] LC FASTCAM Connector	49991-SLC (Blue)	49991-MLC (Beige)	49991-LLC (Aqua)
[B] SC FASTCAM Connector	49991-SSC (Blue)	49991-MSC (Beige)	49991-LSC (Aqua)
[C] SC/APC FASTCAM Connector*	49991-ASC (Green)	—	—
[D] ST FASTCAM Connector	49991-SST (Blue)	49991-MST (Beige)	49991-LST (Aqua)

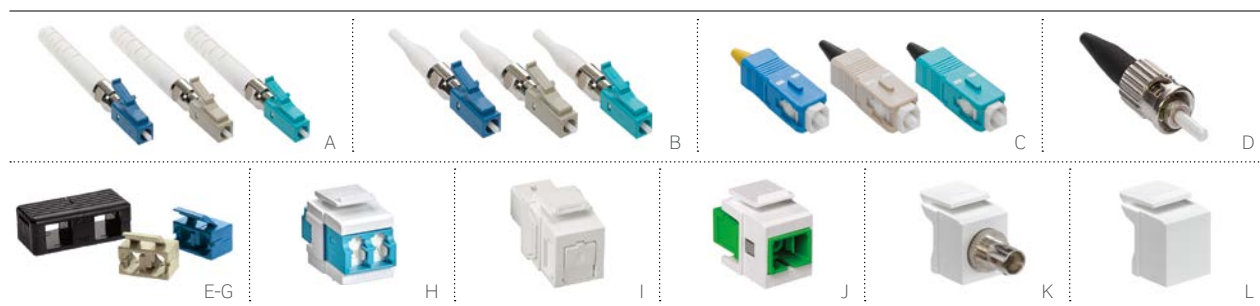
FASTCAM ACCESSORIES

FASTCAM LC Duplex Clips	49991-CLP	49991-CLP	49991-CLP
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* = Includes an internal 8° cleave for >60 dB return loss performance. Requires 8° cleave tool (see page B51, item I).
See pages B49-B52 for tools and consumables.

CONNECTORS & ADAPTERS |

FAST-CURE™ Connectors & QUICKPORT™ Adapters



FAST-CURE CONNECTORS

- Anaerobic adhesive-style, field-installable connectors
- Hand polishing required
- Most robust connection; ideal for inside and outside plant applications
- 900 µm and 3 mm boots included with SC and ST connectors



FAST-CURE ADHESIVE CONNECTORS

DESCRIPTION	OS2 SINGLE-MODE	OM1 MULTIMODE	OM3 & OM4 LOMM
[A] LC FAST-CURE Connector with 2 and 3 mm boot	49990-SL2 (Blue)	49990-ML2 (Beige)	49990-LL2 (Aqua)
[B] LC FAST-CURE Connector with 900 µm boot	49990-SDL (Blue)	49990-MDL (Beige)	49990-LDL (Aqua)
[C] SC FAST-CURE Connector	49990-SSC (Blue)	49990-MSC (Beige)	49990-LSC (Aqua)
[D] ST FAST-CURE Connector	49990-SST	49990-MST	—

FAST-CURE ACCESSORIES

[E] SC Duplex Clip for FAST-CURE Connector, black, bag of 25	49886-DSC	49886-DSC	49886-DSC
[F] LC Duplex Clip for FAST-CURE Connector, beige, bag of 25	—	49886-DLM	49886-DLM
[G] LC Duplex Clip for FAST-CURE Connector, blue, bag of 25	49886-DLS	—	—

See pages B49-B52 for FAST-CURE tools and consumables.

QUICKPORT FIBER ADAPTERS

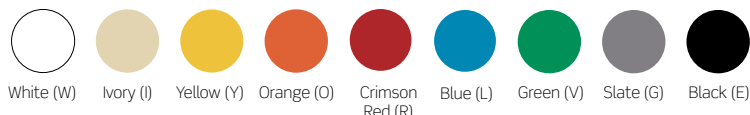
- Snap into all QUICKPORT openings and Multimedia Outlet System (MOS) housings
- Offered with precision phosphor bronze or zirconia ceramic alignment sleeve
- Tool-free plug-n-play installation

QUICKPORT FIBER ADAPTERS

DESCRIPTION	PART NO.
Duplex LC Adapter, shuttered, OM1, zirconia ceramic sleeve, beige*	41086-ML°
[H] Duplex LC Adapter, shuttered, OM3/OM4, zirconia ceramic sleeve, aqua*	41086-LL°
Duplex LC Adapter, shuttered, OS2, zirconia ceramic sleeve, blue*	41086-SL°
[I] Simplex SC Shuttered Adapter, SM/MM, zirconia ceramic sleeve	41085-S°C
[J] Simplex SC/APC Adapter, SM/MM, zirconia ceramic sleeve*	41085-AS°
[K] ST Fiber Optic Adapter, SM/MM, zirconia ceramic sleeve	41084-S°Z
MPO Adapter, SM/MM, key up to key down*	41085-TP°
MPO Adapter, SM/MM, key up to key up*	41085-TB°
[L] Blank Insert, pack of 10	41084-OB†

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector. Some adapters are custom; contact Customer Service for ordering information.
* = Minimum order quantity and lead times may apply.

° = Colors: Choose from any of the colors below.
^ = Colors: White (W), Ivory (I), Slate (G) or Black (E)
† = Colors: White (W) or Black (E)





A



B

FIBER OPTIC FAN-OUT KITS

- Protect bare fiber and prepare loose tube cable for direct termination to industry-standard connectors
- Separate 250 μ m fibers and route into color-coded 900 μ m buffer tubes with no proprietary tools
- Available in 6- or 12-strand kits and 24- or 36-inch lengths
- Works with cabling from any manufacturer (will accommodate maximum buffer-tube diameter up to 3.5 mm)

[A] FIBER OPTIC FAN-OUT KITS

DESCRIPTION	PART NO.
24" Fiber Optic Fan-Out Kit, 6-Fiber	49887-06S
24" Fiber Optic Fan-Out Kit, 12-Fiber	49887-12S
36" Fiber Optic Fan-Out Kit, 6-Fiber	49887-06L
36" Fiber Optic Fan-Out Kit, 12-Fiber	49887-12L
Fan-Out Consumables Kit	49800-FAN

RIBBON BREAKOUT KITS

- Designed to work with Central Tube Ribbon Cables, either standard flat ribbon or the pliable ribbon design
- Using the breakout kit, the individual 12-count ribbons are broken out through the supplied transition housing and protected with the included oval shaped and color coded furcation tubing
- One kit needed for each end of a terminated tube
- One 12-fiber ribbon per tube
- 31-inch furcation tubing, with ID of 1.6 x 3.6 mm, and OD of 2.4 x 4.4 mm
- Terminates to MPO connector or spliced to MPO pigtail
- Color-coded furcation tubes for ribbon sequence identification
- Achieves extract length cable builds on-site in real-time without the risk of shorts and excess slack
- Furcation tubing contains aramid yarns
- Protects bare fiber optic ribbon
- Cuts time, material, and labor costs
- RoHS compliant

[B] BUFFER TUBE BREAKOUT KITS

DESCRIPTION	PART NO.
Buffer Tube Breakout Kit, 12-count (B012)	11101879
Buffer Tube Breakout Kit, 24-count (B024)	11101880
Buffer Tube Breakout Kit, 36-count (B036)	11101881
Buffer Tube Breakout Kit, 48-count (B048)	11101882
Buffer Tube Breakout Kit, 60-count (B060)	11101883
Buffer Tube Breakout Kit, 72-count (B072)	11101884
Buffer Tube Breakout Kit, 96-count (B096)	11101885
Buffer Tube Breakout Kit, 144-count (B0144)	11101886
Buffer Tube Breakout Kit, 288-count (B0288)	11102222



A



B



C



D



E

FIBER OPTIC BASIC TOOL KIT

- Essential tool set for quick field-termination of multimode and single-mode FAST-CURE™ connectors
- Includes compact, lightweight case, inspection scope, polishing pad, standard 2.5 mm and LC 1.25 mm polishing fixture, fiber optic crimp tool, scissors, and jacket stripper

FASTSPLICE™ TOOL KIT

- Contains tools to prepare most common fiber cable constructions
- Includes Leviton universal ferrule holders (49886-SH1), supporting up to 100 or more splice-on connectors terminations each
- Cleaning supplies provided for up to 100+ fusion splice terminations

FIBER OPTIC FASTCAM™ TOOL KIT

- Precision cleaving for guaranteed FASTCAM connector performance
- Includes OPT-X™ fiber cleaver, OPT-X work tray, OPT-X flex LED light, fiber jacket stripper, lint-free wipes, and alcohol moistened cleaning wipes

FIBER OPTIC FAST-CURE™ TOOL KIT

- All the tools you need for terminating multimode or single-mode LC, SC, or ST FAST-CURE adhesive connectors
- Includes compact, lightweight case, inspection scope, polishing pad, standard 2.5 mm and LC 1.25 mm polishing fixture, LC scope adapter, fiber optic crimp tool, safety glasses, scissors, jacket stripper, and music wire

Consumables sold separately. See page B52.

FIBER OPTIC TOOL KITS	
DESCRIPTION	PART NO.
[A] Basic FAST-CURE Tool Kit	49800-MTK
[B] FASTSPLICE Tool Kit	49800-SOC
[C] FASTCAM Tool Kit with Cleaver, Work Tray, and LED light*	49800-LAK
[D] FASTCAM Tool Kit with Cleaver*	49800-MSK
[E] FAST-CURE Tool Kit	49800-FTK

* = Minimum order quantity and lead times may apply.

TOOLS & CONSUMABLES | Fiber Optic Tool Kits

FIBER OPTIC TOOL KITS CONTENTS	FAST-CURE™ TOOL KITS		FASTCAM™ TOOL KITS	
	[A] 49800-MTK	[B] 49800-FTK	[C] 49800-LAK	[D] 49800-MSK
Tool Kit Carrying Case	•	•	•	•
250 and 900 µm Buffer Remover (Not sold separately)		•	•	•
Fiber & Jacket Strip Tool, 250/900 µm and 2.0/3.0 mm (49886-BR3)	•	•		
Jacket Stripper (Not sold separately)	•	•		
Aramid Strand Scissors (Not sold separately)	•	•		
Safety Glasses (not sold separately)		•		
Polishing Puck 1.25 mm, LC (49886-LCP)		•		
Polishing Puck 2.5 mm, SC/ST (Not sold separately)	•	•		
Polishing Pad 7.6 cm x 15.2 cm (Not sold separately)	•	•		
Sapphire Scribe (Not sold separately)	•	•		
Fiber Cleaver Lynx (49886-LNX)			•	•
Fiber Cleaver CT-30A (Not sold separately)				
100x Inspection Scope	•			
200x Inspection Scope (49886-FSP)		•		
LC Scope Adapter, works with 200x scope only (49886-LCS)		•		
Piano Clearing Wire, included in the FTK (Not sold separately)		•		
Lint-Free Dry Wipes, 100 per pack (49886-DWP)		•	•	•
Alcohol Pads, 100 per pack (49886-APD)		•	•	•
Lapping Film 12 µm AL2O3, 100 per pack (49886-12F)		•		
Lapping Film 3 µm AL2O3, 100 per pack (49886-03F)		•		
Lapping Film 0.3 µm AL2O3, 100 per pack (49886-X3F)		•		
Crimp Tool (49886-FCT)		•		
Light LED Magnetic Gooseneck (Not sold separately)			•	
Work Tray Zinc Plated Steel (49886-LNT)			•	

FASTSPlice™ TOOL KIT	
DESCRIPTION	PART NO.
FASTSPlice Tool Kit*	49800-SOC
*Tool Kit Includes:	
Soft sided Carry Case	—
Safety Pad, Black Working Surface	49886-SPD
Fiber Stripper for 2.0/3.0 mm jacket and 250/900 µm buffer	49886-BR3
Lint Free Wipes, 100-pack	49886-DWP
FASTSPlice Universal Ferrule Holder, LC/SC/ST, 10-pack	49886-SH1
Kevlar® Aramid Fiber Carbon Steel Blade Sheers	—
Mini Fiber Optic Disposal Unit with closure slide	—
Fiber Tube Scorer	—
Fiber Cleaning Fluid (3 oz.)	—
Armored Cable Cutter	—
900 µm Cable Clamp	—
2 mm Cable Clamp	—
3 mm Cable Clamp	—
Mid Span Splitter	—

TOOLS & CONSUMABLES | Fiber Optic Tools



UNIVERSAL TOOLS & ACCESSORIES	
DESCRIPTION	PART NO.
[A] Stripper (for 2.0/3.0 mm jacket and 250/900 µm buffer)	49886-BR3
1.25 mm (LC) Polishing Puck	49886-LCP
Safety Pad	49886-SPD
[B] 200x Inspection Scope	49886-FSP
[C] LC Scope Adapter (works with 200x scope only)	49886-LCS
Duplex LC Scope Adapter (works with 200x scope only)	49886-LCD
[D] MPO Scope Adapter (works with 200x scope only)	49886-MCS
Fiber Optic Crimp Tool with .128/.151/.178 hex die	49886-FCT
[E] MPO Male/Female Cleaning Tool (>600 Cleanings)	49886-MCT
[F] LC-LC and MU Cleaning Tool	49886-LCT
[G] SC-SC, ST, FC and E2000 Cleaning Tool	49886-SCT
[H] MPO Female Cleaning Tool	49886-UFT
MPO Male (w/pins) Cleaning Tool	49886-UMT
MPO Refill Kit for 49886-UFT and 49886-UMT	49886-MCR

The terms MTP® and MPO are used interchangeably for the multi-fiber push on connector.

FASTCAM™ SPECIFIC TOOLS	
DESCRIPTION	PART NO.
Work Tray^	49886-LNT
[I] APC Angled Cleaver	49886-APC
[J] Flat Cleaver	49886-LNX
[K] Visual Fault Locator (VFL) (2.5 mm and 1.25 mm adapters included)	49886-VFL
Replacement 1.25 mm Adapter for VFL	49886-FLA

^ = Minimum order quantity and lead times may apply.



A



B



C



D

UNIVERSAL CONSUMABLES KIT

All the basic supplies needed to clean and polish fiber optic connectors. Set includes:

- 50 lint-free dry wipes
- 50 alcohol pads
- 30 sheets 12 μ m lapping film
- 30 sheets 3 μ m lapping film
- 30 sheets 0.3 μ m lapping film
- Piano wire

ADHESIVE/ACCELERATOR KIT

Sufficient supplies for approximately 200 terminations. Set includes:

- Loctite 680 adhesive
- Loctite 7649 accelerator with syringe
- Two needles

FAST-CURE™ CONSUMABLES KIT

Everything from the Universal Kit, plus specialized supplies for approximately 200 FAST-CURE terminations. Additional included items:

- 25 syringes
- 25 needles
- Adhesive and accelerator

FAN-OUT CONSUMABLES KIT

Kit terminates a minimum of 10 Fiber Optic Fan-Out Kits.

Set includes:

- 20 lint-free dry wipes
- 10 alcohol pads
- 10 D'Gel® packets
- Sealant
- Talc powder

CONSUMABLES KITS

DESCRIPTION	PART NO.
[A] Universal Consumables Kit	49800-CON
[B] FAST-CURE Consumables Kit	49800-FCC
[C] Adhesive/Accelerator Kit	49800-680
[D] Fan-Out Consumables Kit	49800-FAN

CONSUMABLES

Lint-Free Dry Wipes, pack of 100	49886-DWP
Alcohol Pads, pack of 100	49886-APD
12 μ m Aluminum-Oxide Lapping Film, pink, pack of 100	49886-12F
3 μ m Aluminum-Oxide Lapping Film, yellow, pack of 100	49886-03F
0.3 μ m Aluminum-Oxide Lapping Film, light blue, pack of 100	49886-X3F
Replacement Needles, pack of 25	49886-FCN
Replacement Syringes, pack of 25	49886-SYR



HOUSINGS & WALLPLATES



SECTION C CONTENTS

HOUSINGS & WALLPLATES

- C3** QUICKPORT™ Surface- & DIN Rail-Mount Boxes & Modules
- C4** QUICKPORT In-Ceiling & In-Wall Brackets, Floorbox Brackets & Modules
- C5** QUICKPORT Wallplates Introduction
- C9** QUICKPORT Decora™ Inserts
- C10** Decora Telephone & Video Wallplates & Inserts
- C11** Decora Single Gang and Dual-Gang Wallplates
- C12** Renu™ Wallplates & Inserts
- C13** QUICKPORT Modular Furniture Products
- C14** Duplex, Round Opening & Blank Wallplates
- C15** Telephone & Video Wallplates
- C16** Round Telephone Inserts & Surface-Mount Boxes
- C17** Multimedia Outlet System (MOS)

HOUSINGS & WALLPLATES |

QUICKPORT™ Surface- & DIN Rail-Mount Boxes & Modules



QUICKPORT BOXES, MODULES & ACCESSORIES

- Surface-mount boxes and back boxes have breakouts to match common raceway systems and cable entry
- Surface Mount Back Boxes are suitable for Low Voltage Communications and Class 2 or 3 circuits
- One and two-port 41089 and two and four-port 4S089 surface mount boxes have been tested to UL 2043 and are suitable for use in air handling (plenum) spaces per NEC 300-22(b)(c)
- Mount with screws or adhesive mounting tape (both provided), or with magnets or modular furniture brackets (sold separately, see page C13)
- 1- and 2-port 41089 and 4S089 products work with Leviton shielded or UTP Cat 6A jacks and cable to allow proper bend-radius control

QUICKPORT DIN RAIL-MOUNT BOXES & MODULE

- Provide an ideal network patching location for industrial automation and control panels
- 41089 DIN Rail-Mount Boxes mount to 35 mm symmetrical or 32 mm asymmetrical DIN rails. 42089 Module mounts to 35 mm symmetrical DIN rails
- 41089-ODN accepts one QUICKPORT Decora™ Insert with one, two, three, four, or six ports
- 41089 DIN-Rail Box depth suitable for Cat 5e or Cat 6 applications
- 42089 Module includes grounding spring contact to support shielded applications
- Multiple 42089 modules can be aligned horizontally in a row, and angled jacks facilitate improved cord routing supporting Cat 5e, Cat 6, and Cat 6A UTP or shielded applications

QUICKPORT SURFACE-MOUNT BOXES

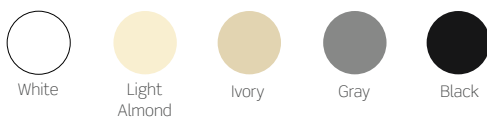
DESCRIPTION	WHITE	IVORY	LIGHT ALMOND	GRAY	BLACK
[A] 12-Port Surface-Mount Box, 193 W x 127 D x 28 H mm	41089-12W	41089-12I	—	—	41089-12E
6-Port Surface-Mount Box, 162 W x 81 D x 27 H mm	41089-6WP	41089-6IP	—	—	41089-6EP
4-Port Surface-Mount Box, 121 W x 81 D x 27 H mm	41089-4WP	41089-4IP	—	41089-4GP	41089-4EP
2-Port Surface-Mount Box, 64 W x 56 D x 27 H mm	41089-2WP	41089-2IP	41089-2TP	41089-2GP	41089-2EP
[B] 1-Port Surface-Mount Box, 36 W x 56 D x 27 H mm	41089-1WP	41089-1IP	—	41089-1GP	41089-1EP
[C] 2-Port Surface-Mount Box, Extended Depth, 63 W x 76 D x 30 H mm	4S089-2WP	4S089-2IP	—	—	—
[D] 4-Port Surface-Mount Box, Extended Depth, 142 W x 132 D x 30 H mm	4S089-4WP	4S089-4IP	—	—	—

SINGLE- AND DUAL-GANG SURFACE-MOUNT BACK BOXES

[E] Single-Gang Standard Back Box, 75 W x 48 D x 120 H mm	42777-1WA	42777-1IA	—	42777-1GA	42777-1EA
Single-Gang Shallow Back Box, 75 W x 37 D x 120 H mm	42777-1WB	42777-1IB	—	42777-1GB	42777-1EB
Dual-Gang Standard Back Box, 121 W x 48 D x 120 H mm	42777-2WA	42777-2IA	—	—	42777-2EA
Dual-Gang Shallow Back Box, 121 W x 37 D x 120 H mm	42777-2WB	—	—	42777-2GB	—

QUICKPORT DIN RAIL-MOUNT BOXES & MODULE

[F] DIN Rail-Mount Box, with 6-port QUICKPORT Decora Insert (jacks not included)	—	—	—	—	41089-6DN
DIN Rail-Mount Box, Empty	—	—	—	—	41089-0DN
[G] Universal QUICKPORT DIN Rail Module	—	—	—	42089-1DN	—



White

Light Almond

Ivory

Gray

Black



IN-CEILING BRACKET

- Creates a testable permanent link for cabling that terminates above a drop ceiling without a wallplate
- Brackets available individually or with pre-installed multi-function clip that attaches to standard drop wire or rod
- VELCRO® Brand tie-down points accommodate cabling slack loops (sold separately, see page D10)
- Plenum-rated QUICKPORT one and two-port (41089), and four-port (4S089) surface-mount boxes (sold separately) attach to brackets and are ideal for use in drop ceiling areas

IN-WALL BRACKET

- Helps create a testable permanent link for cabling that terminates in the wall without using a traditional wallplate
- Provides a stable mounting surface for jacks that is recessed behind the wall surface
- Ideal for Ethernet-enabled devices — such as WAPs, cameras, or clocks — that mount to electrical or low-voltage boxes or directly to the wall
- Available as a set of five brackets, or individually kitted with a single-gang wallplate mounting bracket

QUICKPORT IN-WALL & IN-CEILING BRACKETS

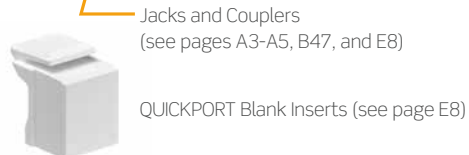
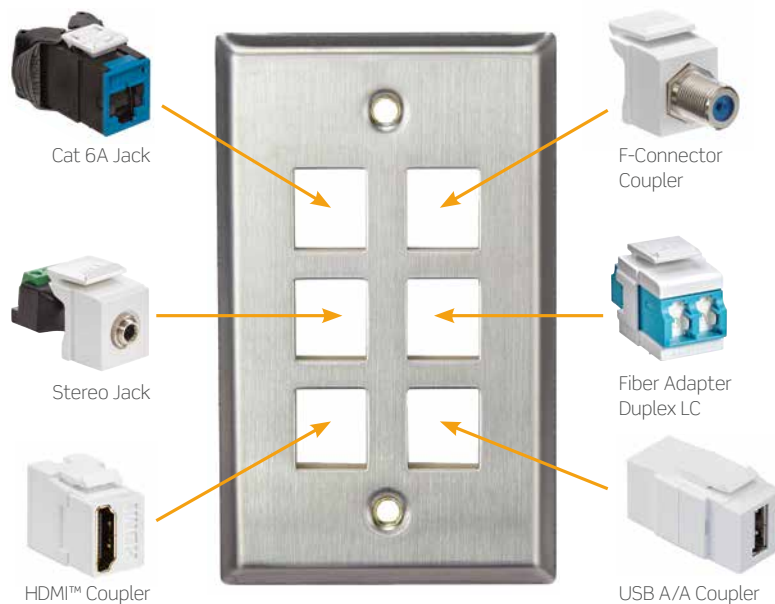
DESCRIPTION	PART NO.
[A] QUICKPORT In-Ceiling Bracket, includes clip for drop wire/rod mounting	49223-CBC
QUICKPORT In-Ceiling Bracket, no clip	49223-CB0
[B] QUICKPORT In-Wall Brackets, set of 5	49223-BA5
QUICKPORT In-Wall Bracket Kit, includes bracket and single-gang Wallplate Mounting Bracket	49223-BAK

WALLPLATE ACCESSORIES

DESCRIPTION	PART NO.
[C] Wallplate Mounting Brackets, single-gang, bag of 2	C0224-000
Wallplate Mounting Bracket, single-gang, bag of 10	C0224-0CP

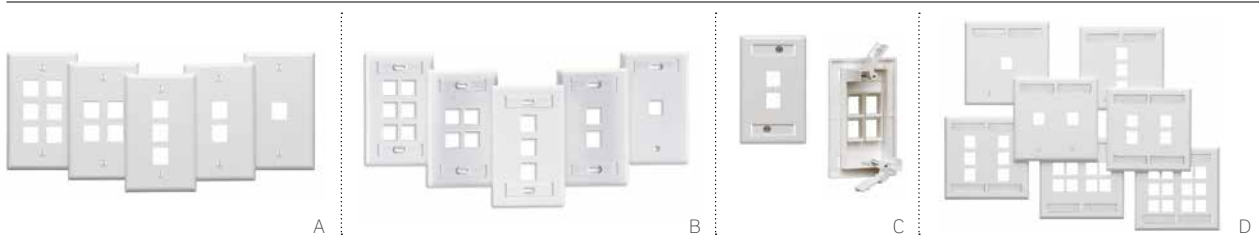
QUICKPORT WALLPLATES

The QUICKPORT System allows you to create the perfect mix of voice, data, video, and audio connections. Category-rated copper, fiber, and AV QUICKPORT Jacks are compatible with any QUICKPORT Wallplate or Insert.



HOUSINGS & WALLPLATES |

QUICKPORT™ & QUICKPLATE™ Wallplates > Plastic



QUICKPORT PLASTIC WALLPLATES

- Compatible with all QUICKPORT Jacks and Couplers
- Manufactured from ABS plastic for superior resistance to impact, chemicals, and solvents, as compared to other plastics
- Fits NEMA openings and accommodates low-voltage box eliminators for a flush mount
- cULus Listed, fire-retardant material rated UL 94V-0
- ID windows aid in port identification

SINGLE-GANG QUICKPLATE TEMPO WALLPLATES WITH ID WINDOWS

- Patented rear wings tighten wallplate to wallboard, eliminating the need for a box or mounting brackets and creating a fast, one-piece installation
- Wings accommodate wallboard thickness of 5/8 inch or less
- ID windows act as marking template for cutting hole in wallboard
- cULus Listed, fire-retardant plastic rated UL 94V-0

[A] QUICKPORT SINGLE-GANG WALLPLATES

DESCRIPTION	WHITE	LT. ALMOND	IVORY	GRAY	BLACK	BROWN
6-Port Wallplate	41080-6WP	41080-6TP	41080-6IP	41080-6GP	41080-6EP	41080-6BP
4-Port Wallplate	41080-4WP	41080-4TP	41080-4IP	41080-4GP	41080-4EP	41080-4BP
3-Port Wallplate	41080-3WP	41080-3TP	41080-3IP	41080-3GP	41080-3EP	41080-3BP
2-Port Wallplate	41080-2WP	41080-2TP	41080-2IP	41080-2GP	41080-2EP	41080-2BP
1-Port Wallplate	41080-1WP	41080-1TP	41080-1IP	41080-1GP	41080-1EP	41080-1BP

[B] QUICKPORT SINGLE-GANG WALLPLATES WITH ID WINDOWS

6-Port Wallplate	42080-6WS	42080-6TS	42080-6IS	42080-6GS	42080-6ES	—
4-Port Wallplate	42080-4WS	42080-4TS	42080-4IS	42080-4GS	42080-4ES	—
3-Port Wallplate	42080-3WS	42080-3TS	42080-3IS	42080-3GS	42080-3ES	—
2-Port Wallplate	42080-2WS	42080-2TS	42080-2IS	42080-2GS	42080-2ES	—
1-Port Wallplate*	42080-1WS	42080-1TS	42080-1IS	42080-1GS	42080-1ES	—

[C] QUICKPLATE TEMPO SINGLE-GANG WALLPLATES WITH ID WINDOWS

2-Port Wallplate	42090-02W	—	—	—	—	—
4-Port Wallplate	42090-4WS	—	—	—	—	—

[D] QUICKPORT DUAL-GANG WALLPLATES WITH ID WINDOWS

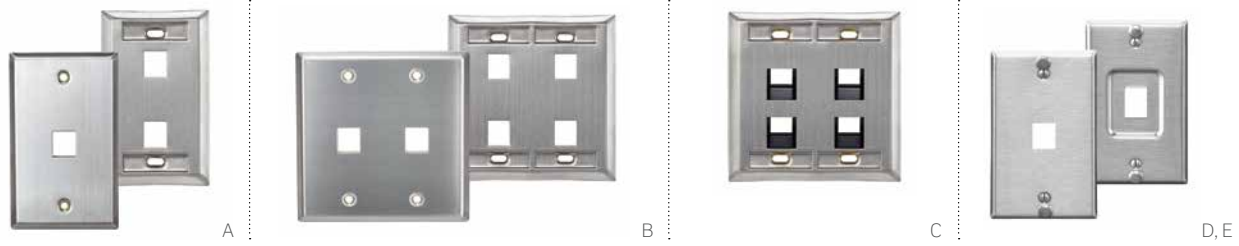
12-Port Wallplate	42080-12W	42080-12T	42080-12I	42080-12G	42080-12E	—
8-Port Wallplate	42080-8WP	42080-8TP	42080-8IP	42080-8GP	42080-8EP	—
6-Port Wallplate	42080-6WP	42080-6TP	42080-6IP	42080-6GP	42080-6EP	—
4-Port Wallplate	42080-4WP	42080-4TP	42080-4IP	42080-4GP	42080-4EP	—
3-Port Wallplate	42080-3WP	42080-3TP	42080-3IP	42080-3GP	42080-3EP	—
2-Port Wallplate†	42080-2WP	42080-2TP	42080-2IP	42080-2GP	42080-2EP	—
1-Port Wallplate†	42080-1WP	42080-1TP	42080-1IP	42080-1GP	42080-1EP	—

* = Single-gang 1-Port Wallplate has only one ID window on top.

† = Dual-gang 1- and 2-Port Wallplates have only two ID windows on top.



Wallplates sold empty. See pages A3-A5, B47, and E8 for QUICKPORT Jacks and Couplers.



QUICKPORT STAINLESS-STEEL WALLPLATES

- Compatible with all QUICKPORT Jacks and Couplers, including shielded
- Manufactured from 304 stainless steel in a brushed finish to provide corrosion resistance in a non-magnetic material
- Angled wallplate ports facilitate proper front and rear cable-bend radius
- ID window wallplates include slotted mounting holes to help level the plate if the backbox is crooked
- Wall-phone wallplates are available in flush and recessed options to accommodate various phone styles
- cULus Listed

[A] QUICKPORT SINGLE-GANG STAINLESS-STEEL WALLPLATES

DESCRIPTION	1-PORT	2-PORT	3-PORT	4-PORT	6-PORT
Standard	43080-1S1	43080-1S2	43080-1S3	43080-1S4	43080-1S6
With ID Windows	43080-1L1	43080-1L2	43080-1L3	43080-1L4	43080-1L6

[B] QUICKPORT DUAL-GANG STAINLESS-STEEL WALLPLATES

DESCRIPTION	2-PORT	4-PORT	6-PORT	8-PORT	12-PORT
Standard	43080-2S2	43080-2S4	43080-2S6	43080-2S8	43080-S12
With ID Windows	—	43080-2L4	—	43080-2L8	—

QUICKPORT ANGLED STAINLESS-STEEL WALLPLATES WITH ID WINDOWS

DESCRIPTION	2-PORT	4-PORT	8-PORT
Angled Wallplate with ID Windows, single-gang	43081-1L2	43081-1L4	—
[C] Angled Wallplate with ID Windows, dual-gang	—	43081-2L4	43081-2L8

QUICKPORT STAINLESS-STEEL WALL-PHONE WALLPLATES

[D] Stainless-Steel Wall-Phone Wallplate	—	—	4108W-OSP
[E] Stainless-Steel Wall-Phone Wallplate, recessed	—	—	4108W-1SP

LABELS

Label Kit for QUICKPORT Stainless-Steel Wallplates*	—	—	43080-IDW
Pre-printed Port Labels, black ink, 10 sheets per package	—	—	41080-LEB

IDENTIFICATION WINDOW COVERS (Used when a label is not required)

ID Window Cover for Plastic QUICKPORT Wallplates and QUICKPLATE™ Tempo	—	—	42080-SCx
ID Window Cover for QUICKPORT Stainless-Steel and Angled Wallplates	—	—	42081-IDx°

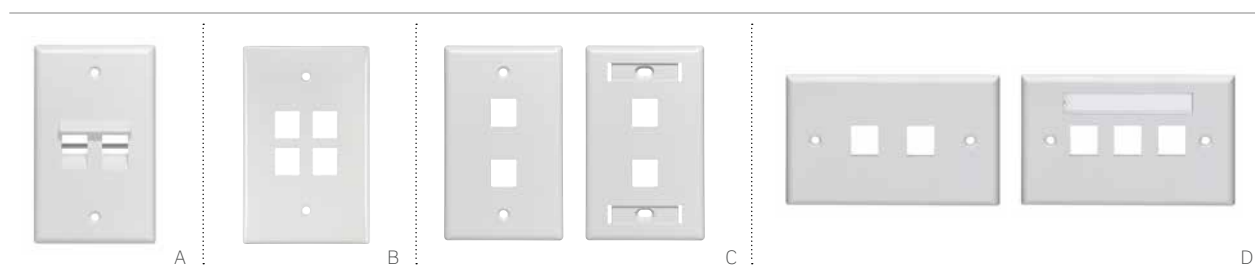
* = Also applicable to ID window wallplates on page C6. See page A30 for Work Area Labeling Solutions.

x = Colors: White (W), Ivory (I), Light Almond (T), Gray (G), Black (E).

° = Not available in gray.

Dimensions can be found at Leviton.com

Wallplates sold empty. See pages A3-A5, B47, and E8 for QUICKPORT Jacks and Couplers.



QUICKPORT ANGLED, MIDWAY, LARGE JACK & HORIZONTAL WALLPLATES

- Angled and large jack wallplates are made from high-quality ABS plastic, which provides superior resistance to impacts, chemicals, and solvents as compared to other plastics
- Angled wallplates facilitate optimal cable management and ensure proper bend radius in front and back of connector
- Midway wallplates are durable nylon with a smooth finish and help hide irregular drywall cuts or flaws around outlets
- Large jack wallplates feature increased vertical spacing between ports
- cULus Listed, fire-retardant material rated UL 94V-0
- Horizontal wallplate options include single-gang 2-port and a 3-port with an ID window

QUICKPORT ANGLED SINGLE-GANG WALLPLATES

DESCRIPTION	WHITE	LT. ALMOND	IVORY	BLACK	BROWN
4-Port Wallplate	41081-4WP	41081-4TP	41081-4IP	—	—
[A] 2-Port Wallplate	41081-2WP	41081-2TP	41081-2IP	—	—
4-Port Wallplate, with ID windows	42081-4WS	42081-4TS	42081-4IS	42081-4ES	—
2-Port Wallplate, with ID windows	42081-2WS	42081-2TS	42081-2IS	—	—
1-Port Wallplate, with ID windows	42081-1WS	42081-1TS	42081-1IS	—	—

QUICKPORT MIDWAY SINGLE-GANG WALLPLATES

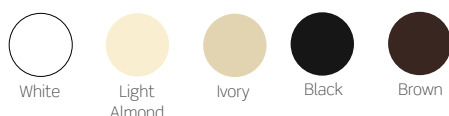
6-Port Wallplate	41091-6WN	41091-6TN	41091-6IN	—	41091-6BN
[B] 4-Port Wallplate	41091-4WN	41091-4TN	41091-4IN	—	41091-4BN
3-Port Wallplate	41091-3WN	41091-3TN	41091-3IN	—	41091-3BN
2-Port Wallplate	41091-2WN	41091-2TN	41091-2IN	—	41091-2BN
1-Port Wallplate	41091-1WN	41091-1TN	41091-1IN	—	41091-1BN

[C] QUICKPORT SINGLE-GANG WALLPLATES FOR LARGE JACKS

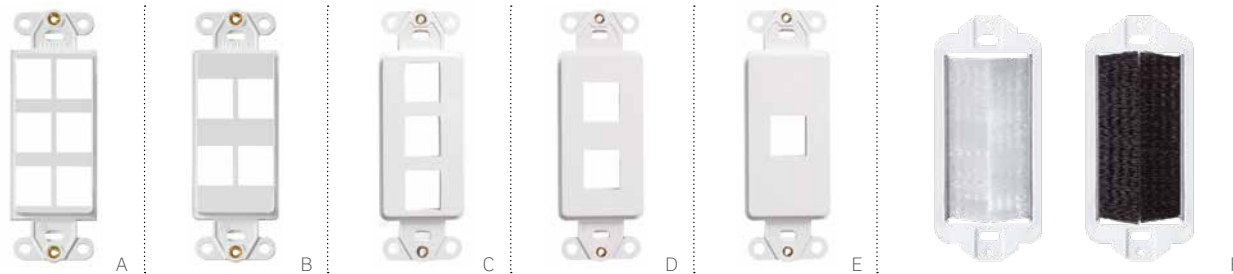
4-Port Wallplate	41080-4WL	41080-4TL	41080-4IL	—	—
2-Port Wallplate	41080-2WL	41080-2TL	41080-2IL	—	—
4-Port Wallplate, with ID windows	42080-4WL	42080-4TL	42080-4IL	—	—
2-Port Wallplate, with ID windows	42080-2WL	42080-2TL	42080-2IL	—	—

[D] QUICKPORT HORIZONTAL WALLPLATES

2-Port Horizontal Wallplate	41070-2WS	—	—	—	—
3-Port Horizontal Wallplate, with ID window	42070-3WS	—	—	—	—



HOUSINGS & WALLPLATES | QUICKPORT™ Decora™ Inserts



QUICKPORT DECORA & DUPLEX INSERTS

- Combine voice, data, and AV couplers and jacks in popular Decora wallplate formats
- Compatible with all QUICKPORT Jacks and Couplers
- Compatible with Decora Plus screwless wallplates when used with standard NEMA back boxes and electrical boxes that sit flush or are slightly recessed in the wall (not compatible with Decora Plus wallplates when used with low-voltage box eliminators)
- Passthrough brush insert provides a clean, professional appearance when cables need to pass through a wall opening

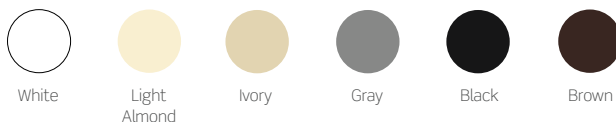


Inserts fit Decora Wallplates found on page C11.

QUICKPORT DECORA MULTIMEDIA INSERTS

DESCRIPTION		WHITE	LT. ALMOND	IVORY	GRAY	BLACK	BROWN
[A]	6-Port Insert	41646-00W	41646-00T	41646-00I	41646-0GY	41646-00E	41646-00B
[B]	4-Port Insert	41644-00W	41644-00T	41644-00I	41644-0GY	41644-00E	41644-00B
[C]	3-Port Insert	41643-00W	41643-00T	41643-00I	41643-0GY	41643-00E	41643-00B
[D]	2-Port Insert	41642-00W	41642-00T	41642-00I	41642-0GY	41642-00E	41642-00B
[E]	1-Port Insert	41641-00W	41641-00T	41641-00I	41641-0GY	41641-00E	41641-00B
	Blank Insert	80414-02W	80414-00T	80414-00I	80414-0GY	80414-00E	80414-000
[F]	Brush Insert, passthrough	41075-DBW*	—	—	—	41075-DBE*	—
DESCRIPTION ANTIMICROBIAL DECORA INSERTS			1 PORT	2 PORTS	3 PORTS	4 PORTS	6 PORTS
QUICKPORT Antimicrobial Treated Decora Inserts			41641-0AW	41642-0AW	41643-0AW	41644-0AW	41646-0AW

* = Brush color is white for 41075-DBW and black for 41075-DBE, only brush is visible when installed.



See page A30 for Work Area Labeling Solutions.
Wallplates sold empty. See pages A3-A5, B47, and E8 for QUICKPORT Jacks and Couplers.



DECORA TELEPHONE & VIDEO WALLPLATES

- 6P4C models feature lead-frame design for improved reliability and simple installation
- Decora inserts are compatible with Decora wallplates
- Decora Kits include a one- or two-port QUICKPORT™ Decora insert and snap-in 6P6C telephone jack or F-connector QUICKPORT Couplers
- Inserts, assemblies, and kits are cULus Listed and manufactured from UL 94V-0 material



Inserts fit Decora Wallplates found on page C11.

DECORA STANDARD TELEPHONE & VIDEO WALLPLATE ASSEMBLIES (WALLPLATE INCLUDED)						
DESCRIPTION	WHITE	LT. ALMOND	IVORY	GRAY	BLACK	BROWN
[A] Wall Jack, 6P4C + 6P4C	40144-00W	—	—	—	—	—
[B] Wall Jack, 6P4C + F-connector	40159-00W	—	—	—	—	—
DECORA TELEPHONE & VIDEO INSERTS (WALLPLATE NOT INCLUDED)						
[C] Wall Jack, 6P4C	40649-00W	40649-00T	40649-00I	40649-0GY	40649-00E	40649-000
[D] Wall Jack, 6P4C + F-connector	40659-00W	—	—	—	—	—
[E] Wall Jack, F-connector	40681-00W	40681-00T	40681-00I	40681-0GY	—	40681-00B
[F] Wall Jack, F-connector + F-connector	40682-00W	—	—	—	—	—
DECORA TELEPHONE & VIDEO INSERT KITS (WALLPLATE NOT INCLUDED)						
Wall Jack, 6P6C (QUICKPORT insert with snap-in jack)	41638-00W	—	—	—	—	—
Wall Jack, 6P6C + F-connector (QUICKPORT insert with snap-in jack and snap-in F-connector)	41658-00W	—	41658-00I	—	—	—

HOUSINGS & WALLPLATES | Decora™ Single-Gang & Dual-Gang Wallplates



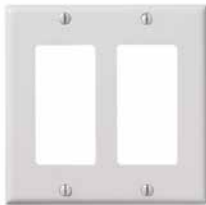
A



B



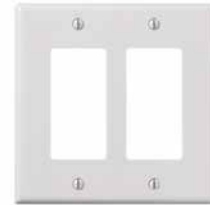
C



D



E



F

DECORA WALLPLATES

- Accept a variety of inserts for voice, data, and video applications
- Smooth face and rounded edges resist dust accumulation
- Accent any wall covering with wide selection of colors

Additional configurations available; contact Customer Service or visit Leviton.com for more information.

DECORA SINGLE-GANG WALLPLATES

DESCRIPTION	WHITE	LT. ALMOND	IVORY	GRAY	BLACK	BROWN	STAINLESS
[A] Decora, standard size, urea	80401-00W	80401-00T	80401-00I	80401-0GY	80401-00E	80401-000	—
Decora, standard size, nylon	80401-0NW	80401-0NT	80401-0NI	80401-0GY	80401-0NE	80401-00N	—
[B] Decora, standard size, stainless	—	—	—	—	—	—	84401-040
[C] Decora, midway size, urea	80601-00W	80601-00T	80601-00I	—	—	80601-000	—
Decora, midway size, nylon	0PJ26-00W	0PJ26-00T	0PJ26-00I	0PJ26-0GY	0PJ26-00E	0PJ26-000	—

DECORA DUAL-GANG WALLPLATES

[D] Decora, standard size, urea	80409-00W	80409-00T	80409-00I	80409-0GY	80409-00E	80409-000	—
Decora, standard size, nylon	80409-0NW	80409-0NT	80409-0NI	80409-0GY	80409-0NE	80409-00N	—
[E] Decora, standard size, stainless	—	—	—	—	—	—	84409-040
[F] Decora, midway size, urea	80609-00W	80609-00T	80609-00I	—	—	80609-000	—
Decora, midway size, nylon	PJ262-00W	PJ262-00T	PJ262-00I	PJ262-0GY	PJ262-00E	PJ262-000	—



White



Light Almond



Ivory



Gray



Black



Brown

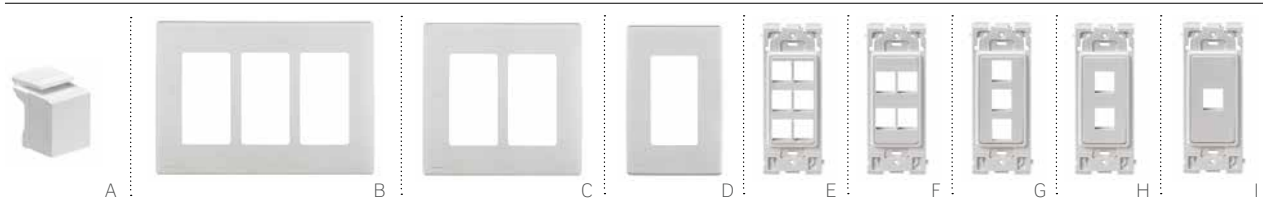


Stainless

HOUSINGS & WALLPLATES | Renu™ Wallplates & Inserts



Mix and match for an upscale finish to your project.



Renu Wallplates snap on and off Renu Inserts quickly and easily with no tools, simplifying installation and ongoing maintenance. They are ideal for boardrooms, executive offices, and other applications requiring a high-end finish.

RENU WALLPLATES AND INSERTS

- Renu wallplates easily snap onto any Renu insert or device
- Inserts accept all QUICKPORT™ Jacks and Couplers
- Slightly larger size hides wall imperfections
- Tongue-and-groove design simplifies alignment in multi-gang installations
- Adapter ring allows use of Decora™ device with Renu wallplates
- Inserts are available in three standard colors to coordinate with the commercial-grade QUICKPORT line (White on White, Navajo Sand, Onyx Black)
- Additional wallplate colors available; visit Leviton.com/redu
- cULus Listed
- One-year limited warranty

RENU WALLPLATES & INSERTS

DESCRIPTION	WHITE ON WHITE	NAVAJO SAND	ONYX BLACK	STAINLESS APPEARANCE
[A] Snap-In Blank Module	RE640-BWW	RE640-NSB	RE640-OB	—
Four-Gang Wallplate	REWP4-OWW	REWP4-ONS	REWP4-OB	—
[B] Three-Gang Wallplate	REWP3-OWW	REWP3-ONS	REWP3-OB	—
[C] Dual-Gang Wallplate	REWP2-OWW	REWP2-ONS	REWP2-OB	REWM2-ST
[D] Single-Gang Wallplate	REWP1-OWW	REWP1-ONS	REWP1-OB	REWM1-ST
[E] 6-Port Insert	RE640-WW6	RE640-NS6	RE640-OB6	—
[F] 4-Port Insert	RE640-WW4	RE640-NS4	RE640-OB4	—
[G] 3-Port Insert	RE640-WW3	RE640-NS3	RE640-OB3	—
[H] 2-Port Insert	RE640-WW2	RE640-NS2	RE640-OB2	—
[I] 1-Port Insert	RE640-WW1	RE640-NS1	RE640-OB1	—
Adapter Ring for Decora	REA00-OWW	REA00-ONS	REA00-OB	—



HOUSINGS & WALLPLATES | QUICKPORT™ Modular Furniture Products



A



B-D



E



F

QUICKPORT MODULAR FURNITURE PRODUCTS

- Simple snap-in installation and attractive streamlined appearance
- Standard and Herman Miller Furniture wallplates accept QUICKPORT Jacks and Couplers and snap securely into compatible modular furniture
- Universal angled furniture wallplates are compatible with most modular furniture knockouts
- Modular Furniture Brackets facilitate installation of Leviton surface-mount boxes or wallplates with back boxes

MAGNETS AND MODULAR FURNITURE BRACKETS (For use with Surface Mount Housings and Back Boxes shown on page C3)

DESCRIPTION

(Use one magnet for 2-port surface-mount housing. Use two magnets for 4-, 6-, 12-port, and MOS surface-mount housing and single- and dual-gang surface-mount back boxes.)

PART NO.

[A] Set of 4 Magnets 41030-SMJ

MODULAR FURNITURE BRACKETS (For use with Surface Mount Housings and Back Boxes shown on page C3)

[B] Steelcase Series 9000®, Haworth®, Knoll®, Allsteel®, Westinghouse®, and Teknion® 49222-BLK

[C] Herman Miller Ethospace® and Steelcase Avenir 49222-ESP

[D] Herman Miller Action Office® 49222-HAO

QUICKPORT MODULAR FURNITURE WALLPLATES

DESCRIPTION	WHITE	IVORY	GRAY	BLACK
2-Port Standard Depth*	49910-SW2	49910-SI2	49910-SG2	49910-SE2
[E] 4-Port Standard Depth with 1 QUICKPORT Blank*	49910-SW4	49910-SI4	49910-SG4	49910-SE4
4-Port Extended Depth with 1 QUICKPORT Blank*	49910-EW4	49910-EI4	49910-EG4	49910-EE4
2-Port Herman Miller†	49910-HW2	49910-HI2	49910-HG2	49910-HE2
[F] 4-Port Herman Miller with 1 QUICKPORT Blank†	49910-HW4	49910-HI4	49910-HG4	49910-HE4
4-Port Universal Angled Furniture Plate^	—	—	—	49910-UE4

* = Fits openings of approximately 1.38" x 2.65" to 2.75".

† = Fits openings of approximately 1.88" x 2.98".

^ = Fits openings of 1.30" to 1.88" x 2.63" to 2.98".



White



Light Almond



Ivory



Gray



Black



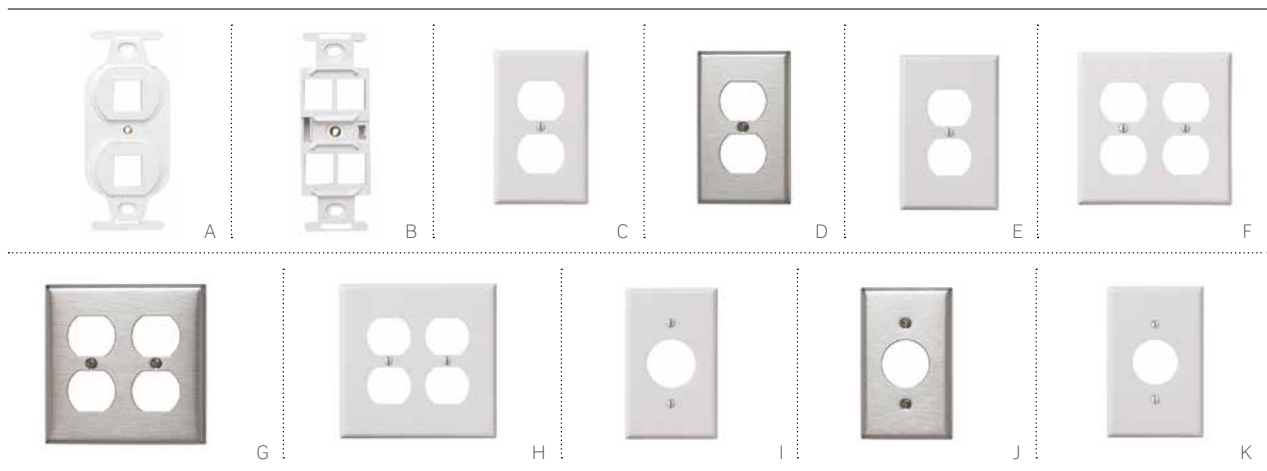
Brown



Stainless

Standard- and extended-depth wallplates are compatible with 1.88" x 2.98" Herman Miller furniture openings when used with Herman Miller G1189A Reducer, available from Herman Miller dealers.

HOUSINGS & WALLPLATES | Duplex, Round Opening & Blank Wallplates



DUPLEX & ROUND OPENING WALLPLATES & INSERTS

- Standard 106-style duplex receptacle inserts accept QUICKPORT™ Jacks and Couplers and are compatible with Duplex Wallplates
- Round opening wallplates accept 110-style or screw terminal inserts (see page C16)
- Stainless wallplates are constructed of type 302 stainless steel

QUICKPORT DECORA TYPE 106 DUPLEX INSERTS

DESCRIPTION	WHITE	LT. ALMOND	IVORY	GRAY	BLACK	BROWN	STAINLESS
[A] 2-Port Duplex Insert	41087-2WP	41087-2TP	41087-2IP	41087-2GP	41087-2EP	—	—
[B] 4-Port Duplex Insert	41087-QWP	41087-QTP	41087-QIP	41087-QGP	41087-QEP	—	—

DUPLEX SINGLE-GANG WALLPLATES

[C] Duplex, standard size, urea	88003-000	78003-000	86003-000	87003-000	—	85003-000	—
Duplex, standard size, nylon	80703-00W	80703-00T	80703-00I	80703-0GY	80703-00E	80703-000	—
[D] Duplex, standard size, stainless	—	—	—	—	—	—	84003-040
[E] Duplex, midway size, urea	80503-00W	80503-00T	80503-00I	—	—	80503-000	—
Duplex, midway size, nylon	00PJ8-00W	00PJ8-00T	00PJ8-00I	00PJ8-0GY	00PJ8-00E	00PJ8-000	—

DUPLEX DUAL-GANG WALLPLATES

[F] Duplex, standard size, urea	88016-000	78016-000	86016-000	87016-000	—	85016-000	—
Duplex, standard size, nylon	80716-00W	80716-00T	80716-00I	80716-0GY	80716-00E	80716-000	—
[G] Duplex, standard size, stainless	—	—	—	—	—	—	84016-040
[H] Duplex, midway size, urea	80516-00W	80516-00T	80516-00I	—	—	80516-000	—
Duplex, midway size, nylon	0PJ82-00W	0PJ82-00T	0PJ82-00I	0PJ82-0GY	0PJ82-00E	0PJ82-000	—

ROUND OPENING SINGLE-GANG WALLPLATES

[I] Round Opening, std size, urea	88004-000	78004-000	86004-000	—	—	85004-000	—
Round Opening, std size, nylon	80704-00W	80704-00T	80704-00I	80704-0GY	80704-00E	80704-000	—
[J] Round Opening, std size, stainless	—	—	—	—	—	—	84004-040
[K] Round Opening, midway size, urea	80504-00W	80504-00T	80504-00I	—	—	80504-000	—
Round Opening, midway size, nylon	00PJ7-00W	00PJ7-00T	00PJ7-00I	—	—	—	—

SINGLE & DUAL GANG BLANK WALLPLATES

Single Gang Blank Wallplate	88014-000	78014-000	86014-000	87014-000	—	85014-000	84014-040
Dual Gang Blank Wallplate	88025-000	78025-000	86025-000	87025-000	—	85025-000	84025-040

HOUSINGS & WALLPLATES | Telephone & Video Wallplates



TELEPHONE & VIDEO WALLPLATES

- Provide quick at-the-wall connections for RJ-11 telephone and F-connection video applications
- High-quality ABS plastic or nylon, which provides superior resistance to impacts, chemicals, and solvents as compared to other plastics
- Midway size wallplates hide irregular drywall cuts
- cULus Listed, fire-retardant material rated UL 94V-0

TELEPHONE WALL-PHONE JACKS

- Screw terminal or quick-connect termination options
- Quick-connect products include plastic punchdown tool

STANDARD TELEPHONE & VIDEO WALLPLATES

DESCRIPTION	WHITE	LT. ALMOND	IVORY	BROWN
[A] Wall Jack, 6P4C	40249-00W	40249-00T	40249-00I	—
[B] Wall Jack, 6P4C + 6P4C	40244-00W	40244-00T	40244-00I	—
[C] Wall Jack, 6P4C + F-connector	40259-00W	40259-00T	40259-00I	—
[D] Wall Jack, F-connector, nylon	80781-00W	80781-00T	80781-00I	—
[E] Wall Jack, F-connector + F-connector	80782-00W	80782-00T	80782-00I	—
Wall Jack, 6P6C	40238-00W	—	—	—
Wall Jack, 6P6C + F-connector	40258-00W	—	—	—

MIDWAY TELEPHONE & VIDEO WALLPLATES (NYLON)

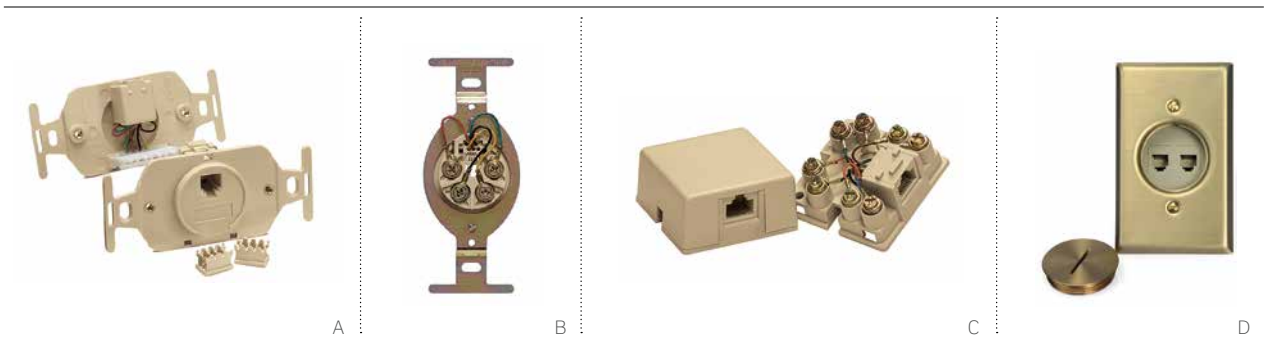
[F] Wall Jack, 6P4C	40539-PMW	40539-PMT	40539-PMI	40539-PMB
[G] Wall Jack, 6P4C + F-connector	40539-CMW	40539-CMT	40539-CMI	40539-CMB
[H] Wall Jack, F-connector	40539-OMW	40539-OMT	40539-OMI	40539-OMB

WALL-PHONE JACK WALLPLATES - 110-STYLE

DESCRIPTION	WHITE	LT. ALMOND	IVORY	STAINLESS
[I] Wall-Phone Jack, 6P4C quick-connect, plastic with metal base	40253-00W	40253-00T	40253-00I	—
[J] Wall-Phone Jack, 6P4C quick-connect, stainless with metal base	—	—	—	40223-00S

WALL-PHONE JACK WALLPLATES - SCREW TERMINAL

[K] Wall-Phone Jack, 6P4C screw terminal, plastic with metal base	40257-00W	—	40257-00I	—
[L] Wall-Phone Jack, 6P4C screw terminal, plastic with plastic base	40214-00W	40214-00T	40214-00I	—
Wall-Phone Jack, 6P6C screw terminal, stainless with metal base	—	—	—	40226-00S



ROUND TELEPHONE INSERTS & SURFACE-MOUNT BOXES

- Round inserts available with screw terminal or 110-style termination
- See page C14 for wallplates with round openings
- Surface-mount boxes feature 4-, 6-, and 8-conductor screw terminal connections
- Shorting bar option for use with monitored home security systems

QUICKPORT™ FLOOR BOX ASSEMBLIES

- Combine voice, data, and AV couplers and jacks in convenient in-floor locations
- Floor box assemblies are sold as complete kits only; floor box not included
- Inserts and connectors are ivory

ROUND TELEPHONE INSERTS

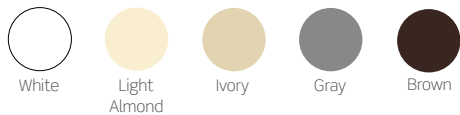
DESCRIPTION	WHITE	LT. ALMOND	IVORY
[A] Round Insert, 6P4C, 110 termination	—	—	41054-IDD
[B] Round Insert, 6P4C, screw terminal	—	—	40201-00I

SURFACE-MOUNT TELEPHONE BOXES

Surface-Mount Box, 6P4C, screw terminal	4625A-24W	—	4625A-24I
Surface-Mount Box, 6P6C, screw terminal	4625A-26W	—	4625A-26I
[C] Surface-Mount Box, 8P8C, screw terminal	40278-00W	—	40278-00I
Surface-Mount Box, 8P8C with shorting bar, screw terminal, RJ-31X	—	40278-SBT	40278-SBI

QUICKPORT FLOOR BOX ASSEMBLY WITH INSERT, BRASS PLATE & SCREW CAP

DESCRIPTION	PART NO.
Floor Box Assembly, one F-connector coupler, one blank module	41650-00F
Floor Box Assembly, one 6P6C jack, one blank module	41650-006
Floor Box Assembly, two port, includes one blank module	41652-000
[D] Floor Box Assembly, two 6P6C jacks	41652-006
Floor Box Assembly, one 6P6C jacks, one F-connector coupler	41652-06F
Replacement Floor Box Assembly Cap (use with 4165x plates)	05249-CAP



HOUSINGS & WALLPLATES | Multimedia Outlet System (MOS)

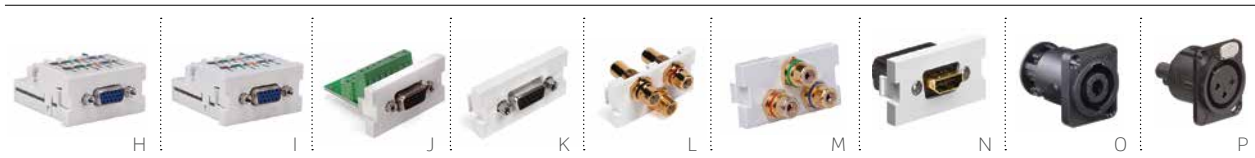


MULTIMEDIA OUTLET SYSTEM (MOS) BOX AND WALLPLATE HOUSINGS

- MOS Surface-Mount Housings accept AV, copper, and fiber MOS modules
- Front-load installation ensures simple moves, adds, and changes
- Surface-Mount Box accepts 3 modules (1 unit high only)
- Wallplates accept 3-units-high per gang
- Surface-Mount Housing accepts one 1-unit-high module and is suitable for use in air handling (plenum) spaces

MULTIMEDIA OUTLET SYSTEM (MOS) SURFACE-MOUNT BOX AND WALLPLATE HOUSINGS						
DESCRIPTION	WHITE	LT. ALMOND	IVORY	GRAY	BLACK	STAINLESS
[A] Single-Gang Wallplate	41290-SMW	41290-SMT	41290-SMI	41290-SMG	41290-SME	41290-SMS
[B] Dual-Gang Wallplate	41290-DMW	41290-DMT	—	—	—	41290-DMS
[C] Three-Gang Wallplate	—	—	—	—	—	41290-TMS
[D] Surface-Mount Box, 3-unit with fiber storage*	41296-MMW	—	41296-MMI	—	41296-MME	—
[E] Surface-Mount Housing, holds one 1-unit-high module	4M089-1WM	4M089-1IM	4M089-1TM	4M089-1GM	4M089-1EM	—
[F] Dual-gang Fiber Storage/Spacer Ring	41290-DRW	—	41290-DRI	41290-DRG	41290-DRE	—
[G] Decora™ Insert, holds one 1-unit-high module	41649-00W	—	—	—	41649-00E	—

* = Surface-Mount Box is not compatible with 41295-Vxx, and 41295-HDx.



MULTIMEDIA OUTLET SYSTEM (MOS) AV CONNECTOR MODULES

- VGA, RCA, and HDMI® options in 1-unit-high MOS modules
- speakON® and XLR Jacks install in 1.5-unit-high MOS passthrough module (41297-2PX)

MULTIMEDIA OUTLET SYSTEM (MOS) AV CONNECTOR MODULES (All modules are 1 unit high unless noted otherwise)					
DESCRIPTION	WHITE	LT. ALMOND	IVORY	GRAY	BLACK
[H] VGA PC Module, 110-style termination^	41295-VPW	41295-VPT	41295-VPI	41295-VPG	—
[I] VGA Monitor Module, 110-style termination^	41295-VMW	41295-VMT	41295-VMI	41295-VMG	—
[J] VGA/HD15 Module, screw terminal	41295-HDW	—	41295-HDI	—	—
[K] VGA/HD15 Module, coupler	41293-HDW	41293-HDT	41293-HDI	41293-HDG	41293-HDE
VGA/HD15 Module, empty	41291-DBW	—	—	41291-DBG	—
[L] 3-Port RCA Module (red, black, yellow), coupler	41292-3RW	41292-3RT	—	—	41292-3RE
[M] 3-Port RCA Module (red, green, blue), coupler	41292-3DW	41292-3DT	—	—	41292-3DE
[N] HDMI Module, coupler	41290-HDW	41290-HDT	41290-HDI	41290-HDG	41290-HDE
[O] speakON Jack, 4-pole, screw terminal*	—	—	—	—	41297-SP4
[P] XLR Jack, 3-pole, screw terminal*	—	—	—	—	41297-XL3

^ = 110-Style VGA modules require both PC and Monitor modules used in pairs to operate. This applies to H and I only.

* = 1.5 units high. speakON® and XLR Jacks must be installed in 1.5 unit high MOS Passthrough Module (41297-2Px).

HOUSINGS & WALLPLATES | Multimedia Outlet System (MOS)

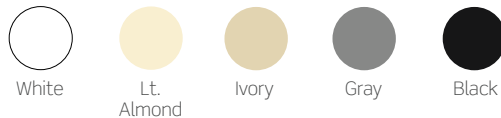


MULTIMEDIA OUTLET SYSTEM FIBER MODULES

- Duplex SC and ST single-mode and multimode options
- Modules available in 1, 1.5, 2, and 3 units high

MOS FIBER MODULES					
DESCRIPTION	WHITE	IVORY	GRAY	BLACK	
[A] 1 Duplex SC, zirconia ceramic, SM/MM, blue, (1 unit high)	41291-2CW	41291-2CI	—	41291-2CE	
[B] 1 Duplex SC, zirconia ceramic, SM/MM, blue, 45° exit (1.5 units high)*	41294-2CW	41294-2CI	41294-2CG	41294-2CE	
[C] 1 Duplex SC, zirconia ceramic, SM/MM, blue, 45° exit (2 units high)*	41292-2CW	41292-2CI	41292-2CG	41292-2CE	
[D] 2 Duplex SC, zirconia ceramic, SM/MM, blue, 45° exit (3 units high)*	41293-4CW	41293-4CI	41293-4CG	—	
1 Duplex ST, zirconia ceramic, SM, (1 unit high)	41291-ZTW	41291-ZTI	—	41291-ZTE	
[E] 1 Duplex ST, phosphor bronze, MM, (1 unit high)	41291-2TW	—	—	41291-2TE	

* = Angled fiber connectors must be installed in lower 2RU of MOS wallplates



For multimode SC adapters in beige, blue, or aqua housing, contact Customer Service.



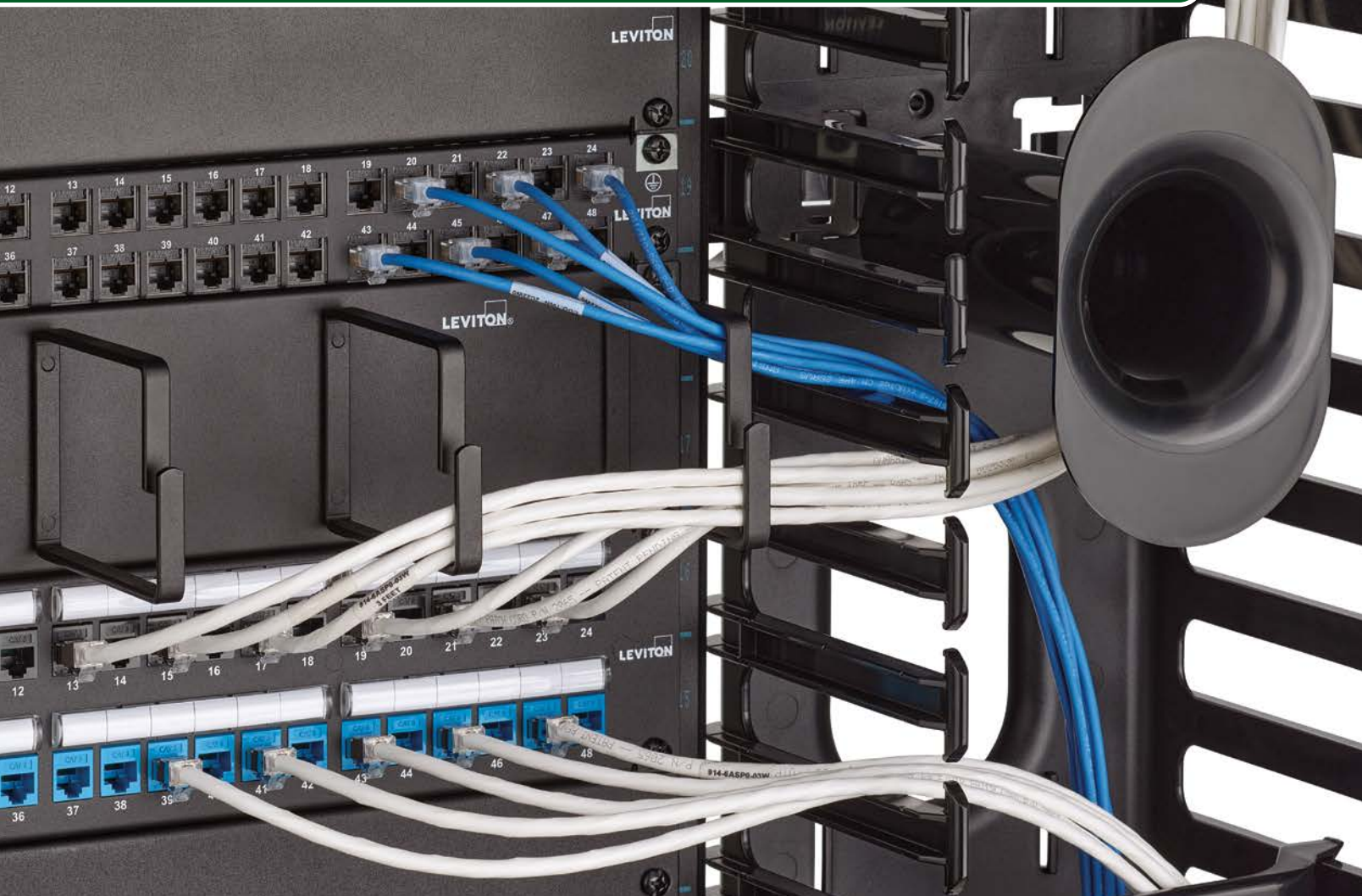
MULTIMEDIA OUTLET SYSTEM ADAPTERS & BLANK MODULES

- QUICKPORT™ modules allow for a combination of QUICKPORT category-rated jacks and AV or fiber adapters
- Blank modules create a finished look when building extra capacity for future growth
- Passthrough module accepts speakON® (41297-SP4) and XLR Jacks (41297-XL3)

MOS ADAPTERS & BLANK MODULES					
DESCRIPTION	WHITE	LT. ALMOND	IVORY	GRAY	BLACK
[F] 1-Port QUICKPORT Module (1 unit high)	41291-1MW	41291-1MT	41291-1MI	41291-1MG	41291-1ME
[G] 2-Port QUICKPORT Module (1 unit high)	41291-2QW	41291-2QT	41291-2QI	41291-2QG	41291-2QE
[H] 2-Port 45° Exit Angled QUICKPORT Module (1.5 units high)	41294-2QW	41294-2QT	41294-2QI	41294-2QG	41294-2QE
[I] Passthrough Module (1.5 units high)	41297-2PW	41297-2PT	41297-2PI	41297-2PG	41297-2PE
[J] Blank Module (0.5 unit high)	41295-5BW	41295-5BT	41295-5BI	41295-5BG	41295-5BE
[K] Blank Module (1 unit high)	41291-1BW	41291-1BT	41291-1BI	41291-1BG	41291-1BE
[L] Blank Module (1.5 units high)	41294-2BW	—	—	—	41294-2BE
[M] Blank Module (2 units high)	41292-2BW	—	—	—	41292-2BE



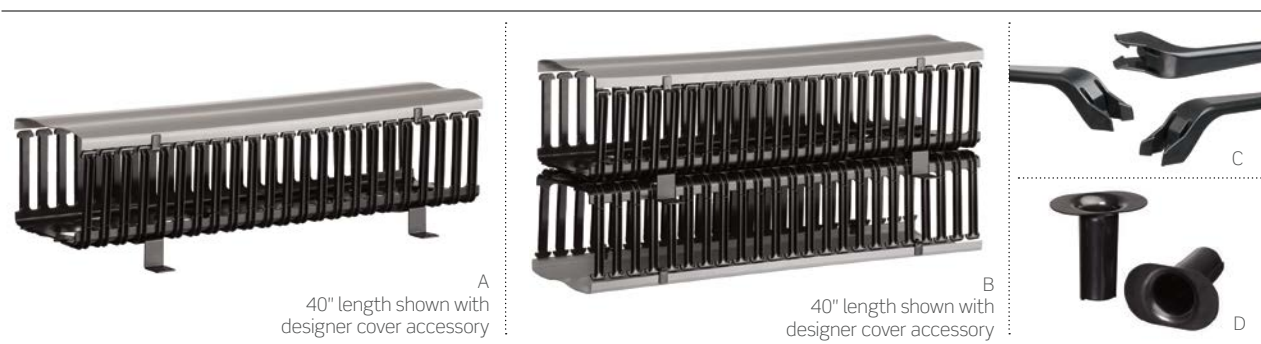
CABLE MANAGEMENT



SECTION D CONTENTS

- D3** VERSI-DUCT™ Cable Management System
- D5** VERSI-DUCT Vertical and Horizontal Management
- D7** Horizontal Cable Managers
- D8** Rear Cable Managers, Blanks & Transitional Covers
- D9** Rings & Brackets
- D10** Hook & Loop Fasteners and Storage Rings
- D11** Zone Enclosures & Accessories

CABLE MANAGEMENT | VERSI-DUCT™ Cable Management System



VERSI-DUCT CABLE MANAGEMENT SYSTEM

- Innovative system for copper and fiber installations fits on any standard equipment rack
- Available accessories enable a wide range of configurations

VERSI-DUCT 8" CHANNEL CABLE MANAGEMENT

- Ideal for today's large-scale deployments and Cat 6A installations with typical larger-diameter cable
- 80-inch channel ships in two 40-inch pieces for easier handling and installation
- Channels available with standard black cover
- Designer cover (gray) available as an accessory
- Channels include mounting bracket kit and two covers, one slack-loop organizer, and one cable retainer, per 80-inch side (front or front/rear)
- Covers feature integrated dual-hinge for easy accessibility
- Channels can be side- or center-mounted for better space utilization
- Large finger-passthrough space aligns with rack units

VERSI-DUCT 8" CHANNEL VERTICAL CABLE MANAGEMENT & ACCESSORIES

DESCRIPTION	FRONT ONLY	FRONT & REAR
Vertical 80" Length, 8" W x 8" D channel, standard black cover, hinged	[A] 8980L-VFO*	[B] 8980L-VFR
Vertical 40" Cover, 8" W, black (set of 4)	—	8940L-SRC
Vertical 40" Designer Cover, 8" W, gray (set of 2)	—	89265-8DC
Vertical Center Mounting Bracket, 8" W channel (bag of 4)	—	89265-BKT
Vertical Cable Retainer, 8" W channel (bag of 6)	—	[C] 89265-WR1
Vertical Slack Loop Organizer, 8" W channel (package of 2)	—	[D] 89265-SL1

* = Rear retrofit not available.



VERSI-DUCT

CABLE MANAGEMENT

CABLE MANAGEMENT | VERSI-DUCT™ Cable Management System

8" VERSI-DUCT CAPACITY CHART

Use the table below to determine the maximum recommended cable capacity for common cable/cord diameters. For patch cords (front channel), plan for an initial fill not to exceed 25% and a maximum practical fill not to exceed 30%. For cable (rear channel), plan for an initial fill of 25% not to exceed 35%. Cable/cord bundling straps, retainers, and slack organizers used within the channel sections will reduce available fill capacity. For details on Maximum Cable Fill Ratios in Leviton Cable Managers, review our Application Note posted at Leviton.com/Versiduct.

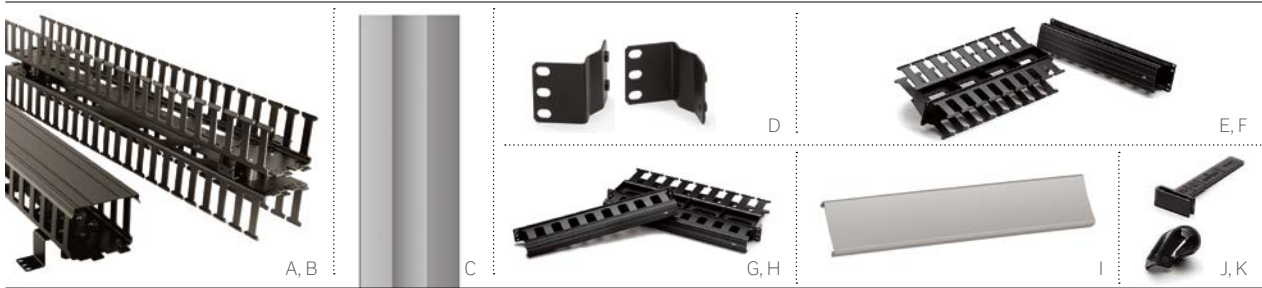
REAR CHANNEL CAPACITY	CHANNEL CROSS-SECTIONAL AREA			REAR-CHANNEL, COMMON CABLE OUTER DIAMETERS 25% INITIAL FILL				
	FEATURE	USABLE DEPTH W x D (MM)	AREA (MM ²)	7.2 MM	7.0 MM	6.7 MM	6.15 MM	5.8 MM
	8" Channel	200 x 175	35,000	214	227	248	295	331
	Finger Spacing*	25.4 x 139.7	3,548	21	23	25	29	33
	CHANNEL CROSS-SECTIONAL AREA			REAR-CHANNEL, COMMON CABLE OUTER DIAMETERS 35% PRACTICAL MAXIMUM FILL				
	FEATURE	USABLE DEPTH W x D (MM)	AREA (MM ²)	7.2 MM	7.0 MM	6.7 MM	6.15 MM	5.8 MM
	8" Channel	200 x 175	35,000	300	318	347	413	463
	Finger Spacing*	25.4 x 139.7	3,548	30	32	35	41	46

* Finger spacing may be expanded, fingers are designed to break off to accommodate larger bundles as needed. Note, the "hinge" fingers are not designed to break off.

FRONT CHANNEL CAPACITY	CHANNEL CROSS-SECTIONAL AREA			FRONT-CHANNEL, COMMON CORD OUTER DIAMETERS 25% INITIAL FILL			
	FEATURE	USABLE DEPTH W x D (MM)	AREA (MM ²)	6.0 MM	5.6 MM	4.7 MM	3.8 MM
	8" Channel	200 x 175	35,000	309	358	505	774
	Finger Spacing*	25.4 x 139.7	3,548	31	36	51	78
	Round Feed-Through	75 dia.	4,516	39	46	65	99
	Oval Feed-Through	N/A	7,903	69	80	114	174
	CHANNEL CROSS-SECTIONAL AREA			FRONT-CHANNEL, COMMON CORD OUTER DIAMETERS 30% PRACTICAL MAXIMUM FILL			
	FEATURE	USABLE DEPTH W x D (MM)	AREA (MM ²)	6.0 MM	5.6 MM	4.7 MM	3.8 MM
	8" Channel	200 x 175	35,000	370	430	606	929
	Finger Spacing*	25.4 x 139.7	3,548	37	43	61	93
	Round Feed-Through	75 dia.	4,516	47	55	78	119
	Oval Feed-Through	120 x 66	7,903	83	96	136	209

* Finger spacing may be expanded, fingers are designed to break off to accommodate larger bundles as needed. Note, the "hinge" fingers are not designed to break off.

CABLE MANAGEMENT | VERSI-DUCT™ Vertical & Horizontal Management



VERSI-DUCT 5" CHANNEL CABLE MANAGEMENT

- 80-inch channel ships in two 40-inch pieces for easier handling and installation
- Interlocking tabs maintain flush channel alignment
- Finger spacing aligns with rack units

VERSI-DUCT HORIZONTAL CABLE MANAGEMENT

- Fits all standard 19-inch racks
- Includes bend-radius-compliant clips
- Finger spacing aligns with patch panel port openings to better manage patch cords



Mount the Slack Loop Organizer on the duct fingers to manage excess cables.

VERSI-DUCT 5" CHANNEL VERTICAL CABLE MANAGEMENT & ACCESSORIES

DESCRIPTION	FRONT ONLY	FRONT & REAR
Vertical 80" Length, 5" W x 4" D channel, standard snap-on black cover (included)	4980L-VFO*	4980L-VFR
Vertical 40" Length, 5" W x 4" D channel, standard snap-on black cover (included)	[A] 4940L-VFO*	[B] 4940L-VFR
Vertical 40" Cover, 5" channel, snap-on, black (set of 4)	—	4940L-SRC
Vertical 40" Designer Cover, 5" channel, snap-on, gray (set of 2)	—	[C] 59265-SDC
Vertical Center Mounting Bracket, 5" channel (set of 2)	—	[D] 49265-BKT
VERSI-DUCT Slack Loop Organizer (set of 2)	—	49265-SL1
VERSI-DUCT Slack Loop Organizer, extended (set of 2)	—	49265-SL2

VERSI-DUCT HORIZONTAL CABLE MANAGEMENT & ACCESSORIES

Horizontal Manager, 2RU, 3" W x 3" D front, 2" W x 4" D rear^, with cover	[E] 492RU-HFO	[F] 492RU-HFR
Horizontal Manager, 1RU, 1.5" W x 3" D front, 1.5" W x 4" D rear^, with cover	[G] 491RU-HFO	[H] 491RU-HFR
Horizontal Designer Cover, 2RU, snap-on, gray	—	[I] 49265-DC2
Horizontal Designer Cover, 1RU, snap-on, gray	—	49265-DC1
Cable Retainer (10 per package)	—	[J] 49265-WR1+
Cover Hinge (4 per package)	—	[K] 49265-HNG+

* = Rear retrofit not available.

^ = Bend radius clips included.

† = Also compatible with 5" Vertical Managers.



5" VERSI-DUCT CAPACITY CHART

Use the table below to determine the maximum recommended cable capacity for common cable/cord diameters. For patch cords (front channel), plan for an initial fill not to exceed 25% and a maximum practical fill not to exceed 30%. For cable (rear channel), plan for an initial fill of 25% not to exceed 35%. Cable/cord bundling straps, retainers, and slack organizers used within the channel sections will reduce available fill capacity. For details on Maximum Cable Fill Ratios in Leviton Cable Managers, review our Application Note posted at Leviton.com/Versiduct.

REAR CHANNEL CAPACITY	CHANNEL CROSS-SECTIONAL AREA			REAR-CHANNEL, COMMON CABLE OUTER DIAMETERS 25% INITIAL FILL				
	FEATURE	USABLE DEPTH W x D (MM)	AREA (MM²)	7.2 MM	7.0 MM	6.7 MM	6.15 MM	5.8 MM
	5" Channel	120 x 99	11,880	72	77	84	100	112
	Finger Spacing*	25.4 x 76.2	1,935	11	12	13	16	18
	CHANNEL CROSS-SECTIONAL AREA			REAR-CHANNEL, COMMON CABLE OUTER DIAMETERS 35% PRACTICAL MAXIMUM FILL				
	FEATURE	USABLE DEPTH W x D (MM)	AREA (MM²)	7.2 MM	7.0 MM	6.7 MM	6.15 MM	5.8 MM
	5" Channel	120 x 99	11,880	101	108	117	140	157
	Finger Spacing*	25.4 x 139.7	1,935	16	17	18	22	25

* Finger spacing may be expanded, fingers are designed to break off to accommodate larger bundles as needed.

FRONT CHANNEL CAPACITY	CHANNEL CROSS-SECTIONAL AREA			FRONT-CHANNEL, COMMON CORD OUTER DIAMETERS 25% INITIAL FILL			
	FEATURE	USABLE DEPTH W x D (MM)	AREA (MM²)	6.0 MM	5.6 MM	4.7 MM	3.8 MM
	5" Channel	120 x 99	11,880	104	121	171	262
	Finger Spacing*	25.4 x 76.2	1,935	17	19	27	42
	Feed-Through	25.4 x 89	2,096	18	21	30	46
	CHANNEL CROSS-SECTIONAL AREA			FRONT-CHANNEL, COMMON CORD OUTER DIAMETERS 30% PRACTICAL MAXIMUM FILL			
	FEATURE	USABLE DEPTH W x D (MM)	AREA (MM²)	6.0 MM	5.6 MM	4.7 MM	3.8 MM
	5" Channel	120 x 99	11,880	125	145	205	315
	Finger Spacing*	25.4 x 76.2	1,935	20	23	33	51
	Feed-Through	25.4 x 89	2,096	22	25	36	55

* Finger spacing may be expanded, fingers are designed to break off to accommodate larger bundles as needed.

CABLE MANAGEMENT | Horizontal Cable Managers



HORIZONTAL CABLE MANAGERS

- All mount to standard 19-inch racks and cabinets
- 4RU manager includes a shelf to support patch cords
- Horizontal managers support transition to vertical management

HORIZONTAL CABLE MANAGERS		
DESCRIPTION	FLAT	ANGLED
Horizontal, 1RU, 4" (10.2 cm) metal rings	[A] 49253-LPM	—
Horizontal, 1RU, 2" (5.1 cm) metal rings		[B] 49254-LPM
Horizontal, 2RU, 4" (10.2 cm) metal rings	49253-BCM	—
Horizontal, 2RU, 2" (5.1 cm) metal rings	49253-2CM	49254-BCM
Horizontal, 4RU, 4" (10.2 cm) metal rings	[C] 49253-4CM	—
Horizontal, 1RU, 6" (15.2 cm) metal rings	49253-6PM	—
Horizontal, 2RU, 6" (15.2 cm) metal rings	[D] 49253-6MR	—
Horizontal Cable Manager Cover, 1RU	[E] 49253-1CV	—
Horizontal Cable Manager Cover, 2RU	[F] 49253-2CV	—
Front and Rear Horizontal Cable Manager, 2RU	[G] 49252-PCM	—

CABLE MANAGEMENT | Rear Cable Managers, Blanks & Transitional Covers



REAR CABLE MANAGEMENT BARS AND CLIP

- Standard Flat Cable Management Bar attaches to patch panel
- Cable Management Clip snaps onto the standard Cable Management Bar to secure discrete cables with no ties or wraps
- Angled bars attach to rack
- High-Density Cable Management Bar supports heavy loads of cable and mounts on front or rear of rack
- e2XHD Rear Cable Manager for flat panel attaches to rack, includes rings to help manage and route incoming fiber cables
- e2XHD Rear Cable for angled panel attaches to rear of e2XHD angled panels or HDX and UHDx flat or angled panels

BLANK PANEL INSERTS

- Provide a seamless look and designate rack space for future expansion

TRANSITIONAL COVER

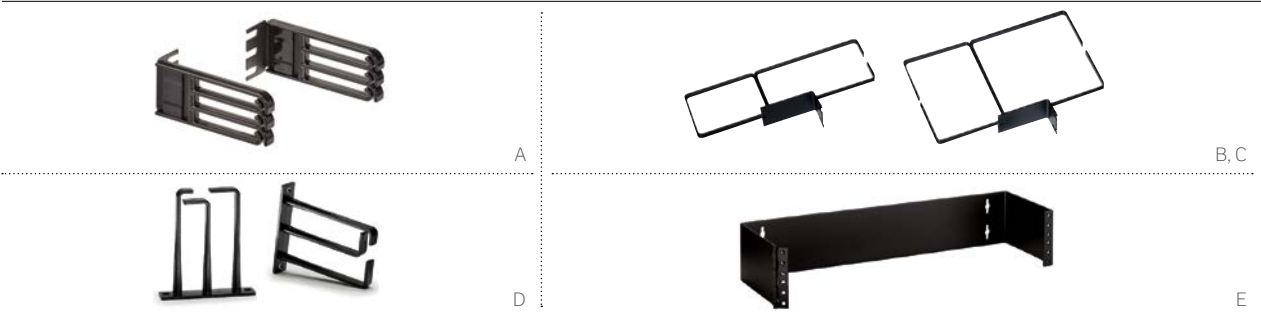
- Provides clean, aesthetic transition from angled patch panels to flat equipment
- Improves thermal management

PANEL EXTENSION KIT

- Supports mounting of rack-mounted rear managers onto flat 4-post rack or cabinet rails

REAR CABLE MANAGEMENT BARS AND CLIP		
DESCRIPTION	FLAT	ANGLED
Standard Cable Management Bar	[A] 49005-CMB	[B] 49006-AMB
Cable Management Clip (attaches to 49005-CMB)	[C] 49005-CMC	—
High-Density Cable Management Bar, 1RU	49005-DMB	—
Rack-Mounted Rear Cable Management Bar	[D] 49006-RMB	—
e2XHD Rear Cable Manager, with cable management rings (four ¼" rings)	[E] E2X1F-CMB	E2XHD-CMB
Tie Wrap Bar, 1" H x 1.5" D	[F] 49258-TWB	
PANEL EXTENSION KIT		
DESCRIPTION	1RU	2RU
Panel Extension Kit	E2X1F-BKT	E2X2F-BKT
BLANK PANEL INSERTS		
DESCRIPTION	FLAT	ANGLED
Blank Panel, 1RU	49254-BP1	49254-BA1
Blank Panel, 2RU	49254-BP2	49254-BA2
Blank Panel, 4RU	49254-BP4	—
TRANSITIONAL COVER		
Transitional Cover, 1RU	—	49254-BC1

CABLE MANAGEMENT | Rings & Brackets



ORU PATCH CORD MANAGER

- Mounts on side of Leviton 1RU flush-mount enclosures and flat or angled panels
- Rigid fingers with cable retention feature to organize and protect cords

CABLE MANAGEMENT RINGS

- Vertical Management Rings are an open ring solution that can be installed in tight spaces and smaller deployments
- Vertical Transition Rings are used for vertical and horizontal cable management and are compatible with flat and angled panels

HINGED WALL-MOUNT BRACKETS

- Designed for installations where space is constrained and racks are not used
- Six-inch deep brackets allow for proper cable management

ORU PATCH CORD MANAGER

DESCRIPTION	PART NO.
[A] ORU Patch Cord Manager (bag of 2)	5RCMT-VFG

CABLE MANAGEMENT RINGS

[B] 3" Vertical Management Rings	49260-MR3
[C] 6" Vertical Management Rings	49260-MR6
[D] Vertical Transition Rings for Angled Panels, 2RU	49262-HR1

HINGED WALL-MOUNT BRACKETS

[E] Hinged Wall-Mount Bracket, 2RU, 6" depth	49251-W62
Hinged Wall-Mount Bracket, 3RU, 6" depth	49251-W63
Hinged Wall-Mount Bracket, 4RU, 6" depth	49251-W64

CABLE MANAGEMENT |

Hook & Loop Cable Fasteners & Storage Rings



HOOK & LOOP TIE WRAPS

- 0.5-inch width
- Slot helps secure fastening without overtightening

HOOK & LOOP STORAGE RINGS

- For inside and outside plant
- Ensures copper and fiber optic bend radius; loops included

HOOK & LOOP WRAPS – BULK ROLLS

- 0.5-inch width
- Cut to desired length
- SoftCinch Lite Roll is constructed from a thinner material for smaller bundles and easier handling

Maroon products have been tested to UL 2043 and are suitable for use in air handling (plenum) spaces per NEC 300-22(C)(D).

HOOK & LOOP CABLE FASTENERS

DESCRIPTION	BLACK	BLUE	YELLOW	ORANGE	MAROON (PLENUM RATED)
[A] Tie Wrap, 5" (25 units per roll)	43105-005	—	—	—	—
[B] Tie Wrap, 8" (25 units per roll)	43108-008	—	—	—	—
[C] Tie Wrap, 12" (25 units per roll)	43112-012	—	—	—	—
[D] Bulk Roll, 15'	43115-015	—	—	—	—
[E] Bulk Roll, 75'	43115-075	43115-75L	43115-75Y	43115-75O	43115-75P
[F] Bulk Roll, 600'	43115-600	—	—	—	—
[G] SoftCinch Lite Roll, 75'	4S115-75E	—	—	—	—

STORAGE RINGS

DESCRIPTION	PART NO.
[H] Storage Ring, inside plant, 11.75" diameter	48900-IFR
Storage Ring, outside plant, 24" diameter	48900-OFR





ACTIVE ZONE ENCLOSURES

- Provides flexible consolidation point in drop ceilings
- Plenum-rated and includes fire-rated foam sealing kits
- Use as a telecom enclosure (TE) for cabling flexibility
- Installs flush with drop ceiling
- Fully hinged drop-down door supports installed equipment and opens to face technician
- Mounts into standard 2' x 2' and 2' x 4' ceiling tiles
- Active enclosures include AC power back box (receptacle not included) and venting for active equipment
- Supports active rack-mount equipment up to 15" deep

ACTIVE ZONE ENCLOSURES

DESCRIPTION	PART NO.
[A] Active Ceiling Enclosure, 2' x 2', 2RU active and 5RU passive space	Z1000-AC2
[B] Active Ceiling Enclosure, 2' x 4', 4RU active and 10RU passive space	Z1000-AC4

ZONE ENCLOSURE ACCESSORIES

[C] Lock Kit for Ceiling Zone Enclosures	Z1000-LOK
Replacement Keys for Zone Enclosure Lock Kit	Z1000-KEY
[D] Foam Kit for Zone Enclosures	Z1000-FM1



PASSIVE ZONE ENCLOSURES

- Ceiling Enclosure provides 5RU (Rack Units) for mounting patch panels or cable management
- Ceiling Enclosure mounts flush in 2' x 2' ceiling tile space
- Raised-Floor Enclosure provides two 4RU brackets (8RU total)
- Raised-Floor Enclosure installs into 8" or higher raised floors. The floor tile serves as the enclosure cover.
- Provide flexible consolidation points in ceiling or floor
- Plenum-rated, suitable for air-handling spaces
- Use as a telecom enclosure (TE) for cabling flexibility
- Low Profile Zone Box is 1.75" high, allowing efficient installation under low profile access floors, in furniture, above ceilings, and on walls, stackable to support applications beyond 24 ports; accepts all QUICKPORT™ connectivity

PASSIVE ZONE ENCLOSURES	
DESCRIPTION	PART NO.
[A] Passive Raised-Floor Enclosure, 8" depth, 8RU passive space	Z1000-PF2
[B] Passive Ceiling Enclosure, 2' x 2', 5RU passive space	Z1000-PC2
[C] 24-Port Low Profile Zone Box	49225-24E
ZONE ENCLOSURE ACCESSORIES	
Lock Kit for Ceiling Zone Enclosures	Z1000-LOK
Replacement Keys for Zone Enclosure Lock Kit	Z1000-KEY
Foam Kit for Zone Enclosures	Z1000-FM1



AV SOLUTIONS



SECTION E CONTENTS

AV SOLUTIONS	E3	AV Signal Extension
	E8	AV Couplers, Jacks & Inserts
	E9	AV Couplers & Connectors > RCA & F-Style
	E10	Speaker Wallplate & Recessed Devices



Decora™ Wallplate Sold Separately

A



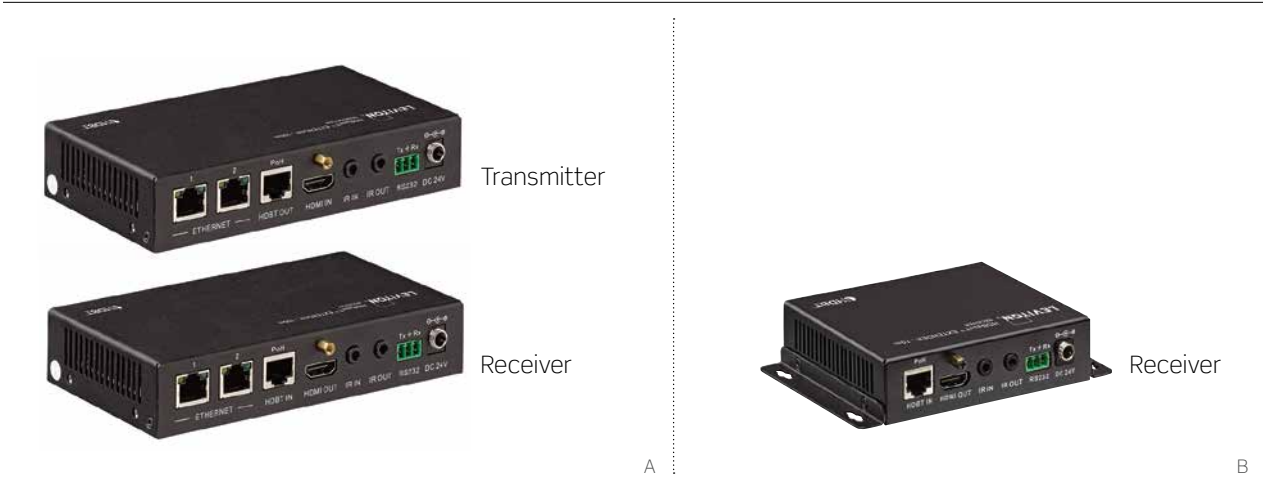
B

AUTOSWITCHING & 8-BUTTON CONTROL PANEL WALLPLATES

- Autoswitching HDBaseT™ Extender Wallplate connects, switches, and extends HDMI® and VGA signals
- Extends signals up to 70 m (230 ft) over a single category cable
- Uses certified HDBaseT technology for a complete professional plug-and-play installation.
- PoH (Power over HDBaseT) powered from the receiver at the display end
- Autoswitching Extender accepts any Decora™ dual-gang wallplate (sold separately, see page C11)
- Optional 8-button Control Panel has pre-configured buttons for display or projector on/off, volume up/down, and source selection
- 8-button Control Panel powered by, and communicates with, the Autoswitching Wallplate via category cable

AUTOSWITCHING HDBASET EXTENDER WALLPLATE & 8-BUTTON CONTROL PANEL

DESCRIPTION	PART NO.
[A] Autoswitching HDBaseT Extender Wallplate	41920-HRC
[B] 8-Button Control Panel	41920-CP8



HDBASET™ EXTENDER TRANSMITTERS & RECEIVERS

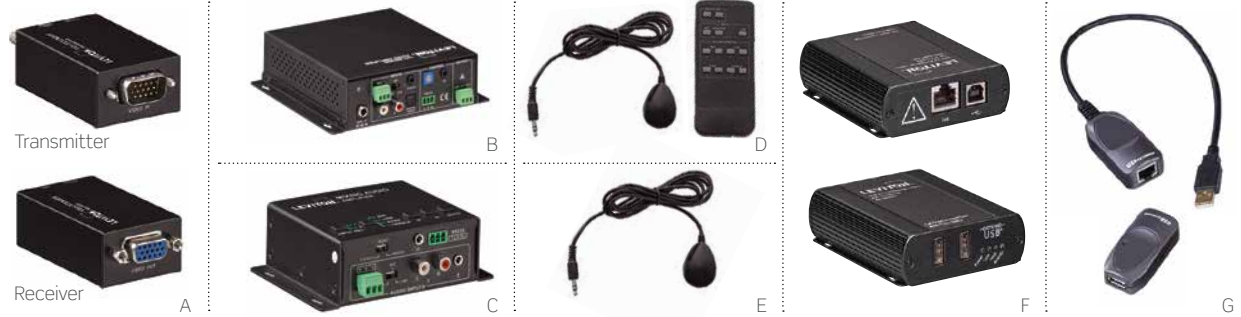
- HDBaseT twisted-pair extenders deliver HDMI®, Ethernet, IR, and RS232 signals
- Class A Extenders (41910-HTE) deliver 328 ft (100 m) transmission for HDMI, Ethernet, bi-directional IR, RS232
- Class B Receiver (41910-HTR) pairs with Autoswitching HDBaseT Extender Wallplate to deliver 230 ft (70 m) transmission for HDMI, IR, RS232
- Support key features of HDMI 1.4, including 3D and 4K x 2K, CEC pass through and HDCP compatible
- Locking power supply and HDMI cable connectors
- PoH (Power over HDBaseT) power from only one side of the channel
- Power supply, RS-232 cables, and mounting brackets included
- Compact metal housing for mounting with flatscreen displays
- Plenum rated

IR EMITTER & RECEIVER KITS

- Kit works with Leviton HDBaseT Transmitters and Receivers
- IR Y-Cable and Emitter Kit pairs with third party IR Receivers to allow for IR control of two devices

HDBASET EXTENDER TRANSMITTERS & RECEIVERS		
[A]	HDBaseT Extender, Transmitter and Receiver, 100 m	41910-HTE
[B]	HDBaseT Extender, Receiver only, 70 m	41910-HTR
	IR Y-Cable and Emitter Kit*	41920-YIR

* = These kits are not compatible with the audio amplifier infrared remote control kit.



VGA EXTENDER TRANSMITTER & RECEIVER

- Extends distance between AV source and display up to 328 ft (100 m) over one category cable
- Screen resolutions include:
1920 x 1200 @ 60 Hz (30 meters)
1600 x 1200 @ 60 Hz (100 meters)
- Adjustable Gain Control lets you manually adjust signal strength to compensate for distance
- Audio enabled (mono)
- No external power supply needed for transmitter
- Receiver powered either by included USB power cable or DC adapter
- Convenient docking on the display device
- Plenum rated

70 VOLT MIXING AUDIO AMPLIFIER

- 40 W mono output, 70V or 100V constant voltage
- Three inputs: two stereo audio and one balanced mic, which support EQ control and mic mixing
- Mic input supports 48V phantom power
- Volume, bass, treble, and mute control
- LED indicators for power and control function feedback
- Plenum rated

4/8 OHM MIXING AUDIO AMPLIFIER

- 2 X 20 W stereo, 1 X 40W bridge mono, and 2 X 20 W dual mono
- Three inputs: Two stereo audio and one balanced mic
- Mic input supports 48V phantom power
- Volume, bass, treble, and mute controls
- Plenum rated

INFRARED REMOTE CONTROL KIT

- Controls Mixing Audio Amplifiers
- Includes a remote control and IR target
- A kit is also available that includes only the IR target

USB EXTENDERS

- Plug-and-play extenders reach up to 328 ft (USB 2.0) and 164 ft (USB 1.1) over a single category cable
- USB 2.0 Extender includes transmitter, 2-port receiver, power supply, 6 ft (2 m) cable, mounting brackets
- USB 1.1 Extender includes transmitter with attached 1 ft (0.3 m) cable and receiver
- 2.0 Extender supports USB 480 Mb/s and also connects to USB 3.x devices; 1.1 Extender supports USB 12 Mb/s

VGA EXTENDER TRANSMITTER & RECEIVER

DESCRIPTION	PART NO.
[A] VGA Extender Transmitter and Receiver, 100 m	41910-V01

MIXING AUDIO AMPLIFIERS

[B] 70 Volt Mixing Audio Amplifier	41920-A70
[C] 4/8 Ohm Stereo Mixing Audio Amplifier	41920-A01

AMPLIFIER INFRARED REMOTE CONTROL KITS

[D] Amplifier Infrared Remote Control Kit, Remote and Target*	41920-AIR
[E] Amplifier IR Target Only*	41920-IRT

USB EXTENDERS

[F] USB 2.0 Extender, 100 m	41910-U2B
[G] USB 1.1 Extender, 50 m	41910-U11

* = These kits are not compatible with the HDBase™ IR Emitter and Receiver Kits.



HDMI® 1X4 SPLITTER

- Splits one HDMI input into four independent HDMI outputs
- 4K ultra high definition 4K x 2K at 60Hz 4:4:4 HDR 18Gbps
- Compatible with and supports key features of HDMI 2.0 including CEC, EDID and HDCP2.2
- Supports audio extraction from the HDMI signal for connection to an external sound system
- EDID management with multiple presets and auto downscaling from 4K to 1080p resolution for display compatibility
- Built-in equalization helps with compatibility with varying HDMI cable quality
- Compact and convenient 5VDC USB Type C power input with included power adapter and 1.5 meter (5') USB Type A to Type C cable
- Compact design for easy installation in crowded spaces

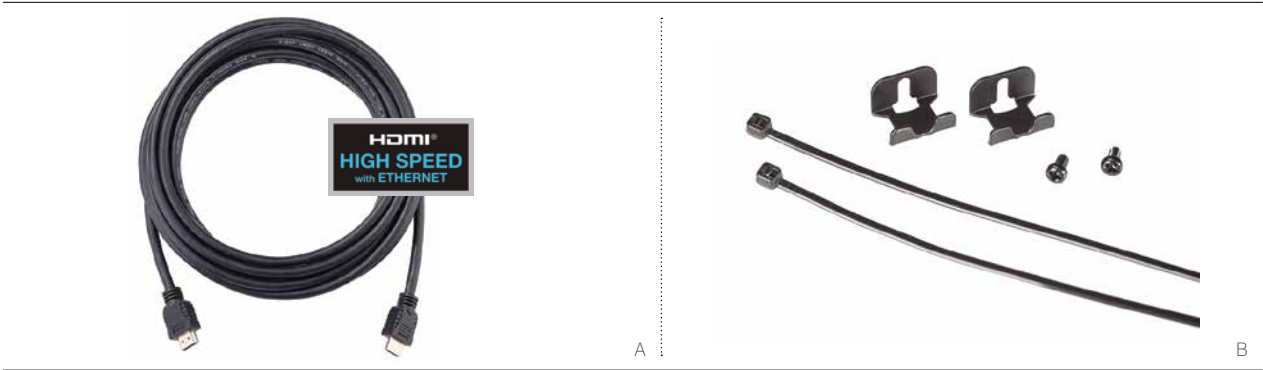
HDMI 4X1 SWITCHER

- Switches any one of four HDMI inputs to one HDMI output
- Automatic switching mode selects a new active input or when the active input is removed, selects the first active input on the lowest numbered port
- Manual switching of HDMI inputs is accomplished via a front panel push-button
- 4K ultra-high-definition 4K x 2K at 60Hz 4:4:4 HDR 18Gbps
- Compatible with and supports key features of HDMI 2.0 including CEC, EDID and HDCP2.2
- Supports ARC audio return channel and audio extraction from the HDMI signal for connection to an external sound system
- EDID management: multiple presets and user defined settings
- Controllable via included IR remote or RS-232 command input
- Compact and convenient 5VDC USB Type C power input with included power adapter and 1.5 m (5') USB Type A to Type C cable
- Ultra slim design for easy installation in crowded spaces

HDMI AUDIO EXTRACTOR

- Extracts the audio from an HDMI signal and makes it available for connection to an amplifier or sound system
- 4K ultra-high-definition 4K x 2K at 60Hz 4:4:4 HDR 18Gbps
- Compatible with and supports key features of HDMI 2.0 including CEC, EDID and HDCP2.2
- Three audio modes: Passthrough, Bitstream, and PCM
- Digital audio output supports PCM, DOLBY® DIGITAL, DTS, DTS-HD®
- Locking power input connector
- Compact design for easy installation in crowded spaces

HDMI 1X4 SPLITTER	
DESCRIPTION	PART NO.
[A] HDMI 1x4 Splitter — 4K/60, EDID, ARC, Audio Extraction, HDCP 2.2	41920-SP4
HDMI 4X1 SWITCHER	
[B] HDMI 4x1 Switcher — 4K/60, EDID, ARC, Audio Extraction, HDCP 2.2, IR, RS-232	41920-SW4
HDMI AUDIO EXTRACTOR	
[C] HDMI Audio Extractor — 4K/60, HDCP 2.2	41920-HAE



HDMI® CABLES

- cULus listed
- CL2 rated for in-wall installation
- Compact connector body and flexible cable accommodate common box depths while maintaining minimum bend radius
- Commercial-grade, 28-gauge construction
- Gold-plated connectors for long-lasting performance
- HDMI Cable Lock Kit includes two universal adapters, two tie wraps, M3 x 0.5", and 4-40 UNC screws to secure cable to Leviton Signal Extension devices for permanent installations

HDMI CABLES		
	DESCRIPTION	PART NO.
	HDMI Cable, 3 ft	41900-03E
[A]	HDMI Cable, 6 ft	41900-06E
	HDMI Cable, 10 ft	41900-10E
	HDMI Cable, 15 ft	41900-15E
HDMI CABLE LOCK KIT		
[B]	HDMI Cable Lock Kit	41900-LKT



AV COUPLERS, JACKS & INSERTS

- HDMI® coupler works with HDMI Type A connectors
- Binding Post and Banana Jack couplers are excellent for advanced audio
- QUICKPORT™ Blanks secure unused ports in wallplates and housings for future expansion
- 3.5 mm Stereo Jack facilitates classroom, workstation, and computer audio applications
- Use 50 Ohm BNC couplers for commercial CCTV or commercial video signals
- Decora™ wallplate inserts with HDMI couplers provide high-definition video with in-wall wiring
- Decora brush passthrough offers a clean, professional appearance when cables need to pass through a wall opening

QUICKPORT® AV COUPLERS & JACKS

DESCRIPTION	WHITE	LT. ALMOND	IVORY	GRAY	BLACK	BROWN
[A] HDMI Couplers	40834-00W	40834-00T	40834-00I	—	40834-00E	—
[B] USB A/A Coupler	40835-00W	—	40835-00I	40835-00G	—	—
[C] 3.5 mm Stereo Jack, screw terminal	40839-SWS	—	40839-SIS	—	—	—
[D] Blank Insert (pack of 10)	41084-0BW	41084-0BT	41084-0BI	41084-0BG	41084-0BE	41084-0BB
[E] Banana Jack Coupler, red stripe	40837-BWR	—	—	—	—	—
[F] Banana Jack Coupler, black stripe	40837-BWE	—	—	—	—	—
[G] Binding Post Coupler, red stripe	40833-BWR	40833-BTR	40833-BIR	—	40833-BER	—
[H] Binding Post Coupler, black stripe	40833-BWE	40833-BTE	—	—	40833-BEE	—
[I] BNC Coupler, nickel plated	41084-BWF	—	—	—	41084-BEF	—
[J] BNC Coupler, gold plated	—	—	40832-0BI	—	—	—
[K] S-Video Coupler	—	—	40734-CVI	—	—	—

DECORA AV INSERTS

[L] HDMI Coupler	41647-00W	—	41647-00I	—	—	—
[M] Brush Insert, passthrough	41075-DBW*	—	—	—	41075-DBE*	—

* = Brush color is white for 41075-DBW and black for 41075-DBE; only brush is visible when installed.



White



Light Almond



Ivory



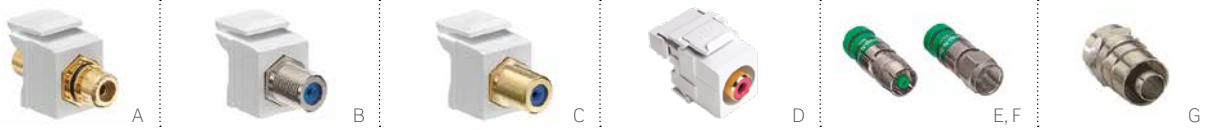
Gray



Black



Brown



RCA & F-CONNECTORS IN FEEDTHROUGH & 110-STYLE

- RCA Jacks use standard identification colors for component and composite video
- Coax F-Connectors are SCTE-compliant and support signals up to 3 GHz

COMPRESSION & CRIMP-ON F-CONNECTORS

- Compression connectors offer an airtight seal and secure fitting for increased cable retention
- Crimp-on connectors are an economical solution for less demanding applications

QUICKPORT™ RCA F-CONNECTOR COUPLERS (FOR RCA & COAX CABLE)

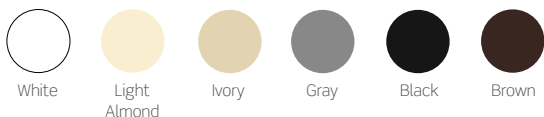
DESCRIPTION		WHITE	LT. ALMOND	IVORY	GRAY	BLACK	BROWN
RCA Coupler, gold plated with black stripe	[A]	40830-BWE	—	40830-BIE	—	40830-BEE	40830-BBE
RCA Coupler, gold plated with red stripe,		40830-BWR	—	—	—	—	—
RCA Coupler, gold plated with yellow stripe		—	40830-BTY	—	—	—	—
RCA Coupler, gold plated with green stripe		40830-BWV	—	40830-BIV	—	—	—
RCA Coupler, gold plated with blue stripe		—	—	40830-BIL	—	—	—
F-Connector Coupler, nickel plated	[B]	41084-FWF	41084-FTF	41084-FIF	41084-FGF	41084-FEF	41084-FBF
F-Connector Coupler, gold plated	[C]	40831-FWG	40831-FTG	40831-FIG	—	—	—

QUICKPORT 110-STYLE RCA JACKS (FOR CAT 6 OR CAT 5E CABLE)

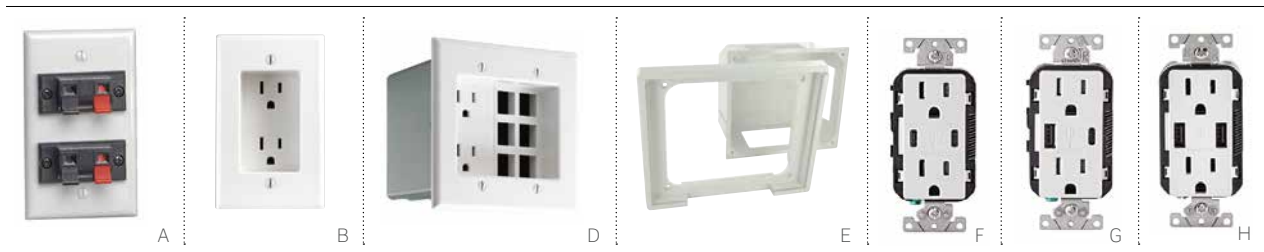
RCA Jack, gold plated with red barrel, 110 termination	[D]	40735-RRW	40735-RRT	—	—	—	—
RCA Jack, gold plated with white barrel, 110 termination		40735-RWW	40735-RWT	—	—	—	—
RCA Jack, gold plated with yellow barrel, 110 termination		—	40735-RYT	40735-RYI	40735-RYG	—	—
RCA Jack, gold plated with green barrel, 110 termination		—	—	40735-RVI	—	—	—
RCA Jack, gold plated with blue barrel, 110 termination		—	—	40735-RLI	—	—	—
RCA Jack, gold plated with orange barrel, 110 termination		—	40735-ROT	—	40735-ROG	40735-ROE	—

COMPRESSION & CRIMP-ON RCA & F-CONNECTORS

DESCRIPTION	RG-6 CABLE	RG-6 QUAD SHIELD
RCA Compression Connector	—	[E] 40985-CRU
Compression F-Connector (colored rings included)	—	[F] 40985-CPF
F-Connectors, one-piece crimp-on, bag of 100	[G] 40985-1P6	—
Twist on F-Connector, bag of 100	40985-TW6	—



White Light Almond Ivory Gray Black Brown



SPEAKER WALLPLATE

- Allows for simple, solderless connections to any home entertainment speaker system

RECESSED RECEPTACLES

Recessed Single-Gang Receptacle

- Fits most standard electrical boxes
- cULus approved, code-compliant solution

Recessed Dual-Gang Duplex Receptacle with Six QUICKPORT™ Openings

- Centralizes ports for AC power, audio, video, data, and phone
- Includes plastic electrical box for use in new and retrofit construction
- UL approved, code-compliant solution

RECESSED ENTERTAINMENT BOX (REB)

- Affordable solution manages home theater electronics in a single location
- Ideal for new construction and retrofit applications
- Optional cover includes sliding plastic front panels, and channels wires through the bottom of the unit

USB CHARGER/TAMPER-RESISTANT OUTLETS

- Up to 2X the charging power (up to 30W) of typical USB chargers, our USB In-Wall Charger
- Dual Type-C (T5635) with Power Delivery is the most advanced, powerful in-wall charger
- Compact design fits in a standard wallbox, is compatible with standard wallplates, and can be multi-ganged
- Tamper-Resistant NEC® Compliant shutter mechanism blocks access to contacts from most foreign objects

SPEAKER WALLPLATE

DESCRIPTION

PART NO.

[A] Single-Gang Double Spring-Clip Device Speaker Wallplate, standard size, polymer impact resistant, box mount 40952-2PW

RECESSED DEVICES & ENTERTAINMENT BOX

Single-Gang Recessed Single Receptacle, 15A-125VAC, 2-pole, 3-wire, NEMA 5-15R, includes clock hanger hook 00688-00*

Single-Gang Recessed Single Receptacle, Non-Magnetic Stainless Steel, 15A-125VAC, 2-pole, 3-wire, NEMA 5-15R, includes clock hanger hook T5261-0CH

[B] Single-Gang Recessed Duplex Receptacle 15A-125VAC, 2-pole, 3-wire, NEMA 5-15R 00689-00^

Single-Gang Recessed Single Receptacle, Non-Magnetic Stainless Steel, 20A-125VAC, 2-pole, 3-wire, NEMA 5-20R, includes clock hanger hook T5361-0CH

[C] Dual-Gang Recessed Duplex Receptacle and Openings for Six QuickPort Modules, 15A-125VAC, 2-pole, 3-wire, NEMA 5-15R (four blank inserts included) 00690-00W

Recessed Entertainment Box with Low-Profile Frame 47617-REB

[D] Recessed Entertainment Box with High-Profile Cover 47617-RBH

High-Profile Cover 47617-HPC

Low-Profile Frame 47617-LPF

Replacement Snap-In Plates, 2 per bag 47617-PLT

USB CHARGER / OUTLET

[E] 30W (6A) USB Dual Type-C/C Power Delivery Wall Outlet Charger with 15A Tamper-Resistant Outlet T5635-00W

[F] 5.1A USB Type A/Type-C Wall Outlet Charger with 15A Tamper-Resistant Outlet T5633-00W

[G] 3.6A USB Type-A/Type-A Wall Outlet Charger with 15A Tamper-Resistant Outlet T5632-00W

* = Color: White (W), Lt. Almond (T), Ivory (I)

^ = Color: White (W), Lt. Almond (T), Ivory (I), Black (E)



White (W)



Light Almond (T)



Ivory (I)



Black (E)



POWER SOLUTIONS



SECTION F CONTENTS

POWER DISTRIBUTION UNITS (PDUs)	F3	5500 & 5505 Series
	F4	P1000 Series

POWER DISTRIBUTION | 5500 & 5505 Series



A



B

5500 & 5505 SERIES POWER DISTRIBUTION UNITS (PDUs) WITH SURGE PROTECTION

- Resettable circuit breaker to protect against overloading
- 12 receptacles: 10 in back, 2 in front
- 20-amp versions available with either straight blade or locking input plug
- Mounts horizontally on 19-inch racks or cabinets

STANDARDS & CERTIFICATIONS

UL 1363 RECOGNIZED
#E118936

5500: UL 1449 LISTED
#E118936/3/1

5505: UL 1449 LISTED
#E118936/3/2

5500 SERIES WITH ENHANCED SURGE PROTECTION

- Peak surge current: 72 kA
- VPR — L-N: 400 Vpk, L-G/N-G: 600 Vpk
- EMI/RFI noise filtering: 100 kHz to 30 MHz, -10 dB to -35 dB
- Type SPD: 3

5505 SERIES WITH SURGE PROTECTION

- Peak surge current: 27 kA
- VPR — L-N: 600, L-G 700, N-G 600 Vpk
- EMI/RFI noise filtering: 100 kHz to 30 MHz, -5 dB to -40 dB
- Type SPD: 3

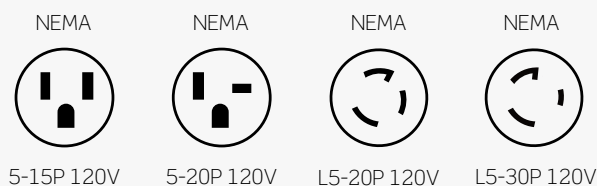
5500 SERIES HORIZONTAL RACK-MOUNT PDUs WITH ENHANCED SURGE PROTECTION

PART NO.	ON/OFF SWITCH		INPUT				OUTPUT			PHYSICAL DIMENSIONS
	YES	NO	VOLTAGE	AMPS	CORD LENGTH	PLUG	VOLTAGE	TYPE	QTY.	
[A] 5500-190	•		120V	15A	12'	5-15P	120V	5-15R	12	1.75" H x 19" W x 4.55" D
5500-192	•		120V	20A	12'	5-20P	120V	5-20R	12	1.75" H x 19" W x 4.55" D
5500-20L	•		120V	20A	12'	L5-20P	120V	5-20R	12	1.75" H x 19" W x 4.55" D
[B] 5500-15N		•	120V	15A	12'	5-15P	120V	5-15R	12	1.75" H x 19" W x 4.55" D

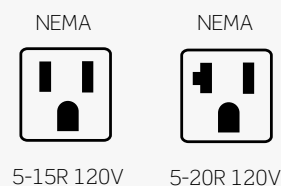
5505 SERIES HORIZONTAL RACK-MOUNT PDUs WITH SURGE PROTECTION

5505-190	•		120V	15A	12'	5-15P	120V	5-15R	12	1.75" H x 19" W x 2.5" D
----------	---	--	------	-----	-----	-------	------	-------	----	--------------------------

INPUT PLUG TYPES



OUTPUT RECEPTACLE TYPES





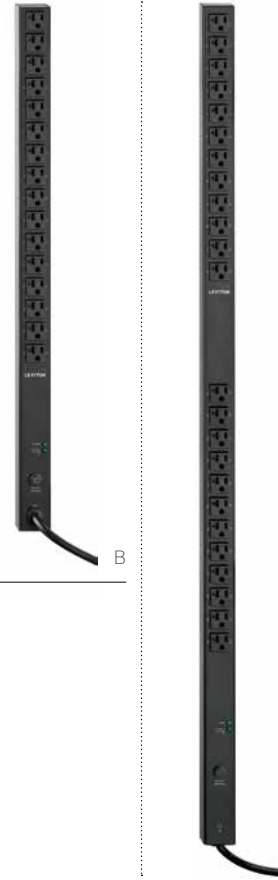
A

P1000 SERIES POWER DISTRIBUTION UNITS (PDUs)

- 18 AWG cold-rolled steel enclosures
- Overload protection with easy-to-reset circuit breakers
- 30 A units feature UL489 rated circuit breakers
- LED indicators for “Power On” and “Polarity/Ground OK”
- Grounding connection point on all models
- Vertical Zero-U and rack-mount applications

STANDARDS & CERTIFICATIONS

UL 60950-1



B

C

P1000 SERIES HORIZONTAL RACK-MOUNT PDUs

PART NO.	INPUT					OUTLETS		PHYSICAL DIMENSIONS
	VOLTAGE	AMPS	MAX DERATED AMPS	CORD LENGTH	PLUG	TYPE	QTY.	
P1020-12S	120V	15A	12A	12'	5-15P	5-15R	10	1.75" H x 19" W x 4.5" D
[A] P1021-12S	120V	20A	16A	12'	5-20P	5-20R	10	1.75" H x 19" W x 4.5" D
P1022-12L	120V	20A	16A	12'	L5-20P	5-20R	10	1.75" H x 19" W x 4.5" D
P1023-12L	120V	30A	24A	12'	5-15P	5-15R	16	3.5" H x 19" W x 4.5" D

P1000 SERIES VERTICAL PDUs

P1040-10S	120V	15A	12A	10'	5-15P	5-15R	16	30" H x 1.8" W x 1.75" D
[B] P1041-10S	120V	20A	16A	10'	5-20P	5-20R	16	30" H x 1.8" W x 1.75" D
P1042-10L	120V	20A	16A	10'	L5-20P	5-20R	16	30" H x 1.8" W x 1.75" D
P1043-10S	120V	20A	16A	10'	5-20P	5-20R	24	48" H x 1.8" W x 1.75" D
[C] P1044-10L	120V	20A	16A	10'	L5-20P	5-20R	24	48" H x 1.8" W x 1.75" D
P1045-10L	120V	30A	24A	10'	L5-30P	5-20R	24	48" H x 1.8" W x 1.75" D



MDU & HOSPITALITY SOLUTIONS



SECTION G CONTENTS

STRUCTURED MEDIA™	G3	Wireless Series STRUCTURED MEDIA Centers (SMCs)
	G5	Metal Series SMCs
	G7	Compact SMCs & Fiber-to-the-Home (FTTH) Solutions
	G8	Power Supplies & Surge Protection
	G9	Mounting Brackets & Patch Cords
	G10	Mounting Brackets & Cable Management
	G11	Twist & Mount, TIDP & STRUCTURED MEDIA Panels
	G12	Modules & Expansion Boards
	G13	Video Distribution & Splitters
	G14	Tools

Find our complete line of residential networking solutions in Leviton's Connected Home catalog.

Download online at Leviton.com/CH

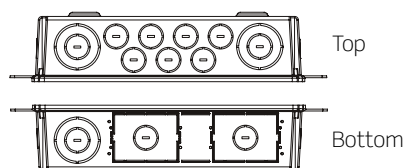


WIRELESS STRUCTURED MEDIA CENTER ENCLOSURES, COVERS, DOORS & ACCESSORIES

- ABS Polymer construction is transparent to RF signals ensuring Wi-Fi devices have maximum reach
- UL Listed Solution: UL 2416, UL985, UL 1023
- Vented door promotes airflow for cooling active gear
- Ratcheting Hinge and Latch System creates fast, tool-free door installations and accommodates wall imperfections
- Existing metal STRUCTURED MEDIA Center enclosures can be retrofitted for RF transparency by using Trim Ring Accessory and Vented Hinged Door
- 180-degree hinged cover allows for quick and easy access to network equipment
- Makes servicing and expansion easy with seven 1-inch and three 2-inch knockouts and additional 1-inch nested knockouts
- Compatible with Leviton Connected Home patch panels, voice, data, video, and audio distribution modules, and Leviton single and dual power modules
- Multi-Bay Attachment Tube installs between two Wireless STRUCTURED MEDIA Center Enclosures facilitating separate Service Provider and User access, isolating Service Provider equipment from unauthorized access when paired with optional Lock and Key set
- Optional lock and key set available for additional security

WIRELESS STRUCTURED MEDIA ENCLOSURE END CAPS

Knock-out sizes support 1" and 2" commercial conduit.



14" PLASTIC SERIES WIRELESS STRUCTURED MEDIA CENTER (14" X 14.26" X 3.42")		
DESCRIPTION	SINGLE	12-PACK
14" Enclosure with Vented Cover	49605-140	—
14" Enclosure with Vented Hinged Door	49605-14P	—
[A] 14" Enclosure	49605-14E	49605-14G
[B] 14" Vented Hinged Door	49605-14S	49605-14B
[C] 14" Vented Cover, bulk pack of 12	—	49605-14F
[D] 14" Trim Ring Accessory	49605-14T	—
28" PLASTIC SERIES WIRELESS STRUCTURED MEDIA CENTER (28" X 14.26" X 3.42")		
DESCRIPTION	SINGLE	6-PACK
28" Enclosure with Vented Cover	49605-28W	—
[E] 28" Enclosure with Vented Hinged Door	49605-28P	—
28" Enclosure	49605-28E	49605-28G
28" Vented Hinged Door	49605-28S	49605-28B
28" Vented Cover, bulk pack of 6	—	49605-28F
28" Trim Ring Accessory	49605-28T	—
42" PLASTIC SERIES WIRELESS STRUCTURED MEDIA CENTER (42" X 14.26" X 3.42")		
DESCRIPTION	SINGLE	6-PACK
42" Enclosure with Vented Hinged Door	49605-42P	—
[F] 42" Enclosure	49605-42E	49605-42G
42" Vented Hinged Door	49605-42S	49605-42B
42" Trim Ring Accessory	49605-42T	—
PLASTIC SERIES WIRELESS STRUCTURED MEDIA CENTER ACCESSORIES		
DESCRIPTION	PART NO.	
[G] Multi-Bay Attachment Tube	49605-TUB	
[H] STRUCTURED MEDIA Center Lock and Key for SMC doors	5L000-LOK	



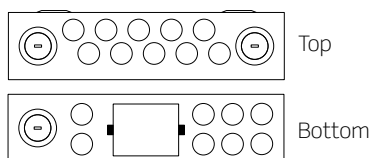
METAL STRUCTURED MEDIA CENTERS, COVERS & DOORS

- Covers and doors feature $\frac{3}{4}$ -inch overlap to hide irregular drywall cuts
- Modules mount vertically or horizontally
- Multiple knock-outs on top and bottom facilitate cable entry and routing
- Knockout in base of enclosure accommodates single J-boxes and Leviton Power Modules
- Six 3-inch self-healing foam grommets included to accommodate and protect cable bundles
- Powder coating contains up to 25% post-consumer recycled plastic, mitigating plastic waste and reducing carbon emissions
- Can be surface mounted or recessed
- Flexible mounting solutions provide easy attachment to studs using mounting tabs which can be secured to the front of studs during new construction or into the sides for retrofit applications; depth markers are provided to ensure the perfect fit with 1/2", 5/8", or 3/4" wallboard
- Optional lock and key set available for additional security
- Adding a plastic Vented Cover or plastic Vented Hinged Door and Trim Ring to metal enclosures will support stronger wireless signals.

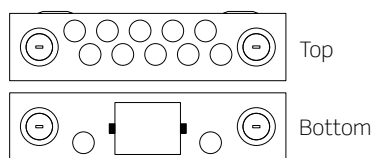
METAL STRUCTURED MEDIA ENCLOSURE END CAPS

Knock-out sizes support 1" and 2" commercial conduit.

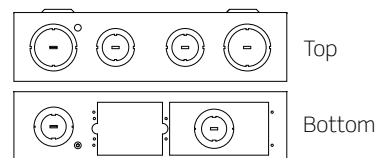
MDU Configuration A



MDU Configuration B



Standard



14" METAL STRUCTURED MEDIA CENTER (14" X 14.38" X 3.63")

DESCRIPTION	SINGLE	6-PACK*
14" Enclosure and Flush-Mount Cover	47605-140	—
[A] 14" Enclosure	47605-14E	47605-14G
14" Multi-Dwelling Unit Configuration A, enclosure and flush-mount cover	47605-1MG	—
[B] 14" Flush-Mount Cover	47605-14C	47605-14B
[C] 14" Economy Hinged Door	47605-14D	—
14" Premium Vented Hinged Door	47605-14S	—
14" Ceiling-Mount Kit	47612-CMK	—

21" METAL STRUCTURED MEDIA CENTER (21" X 14.38" X 3.63")

DESCRIPTION	PART NO.
21" Enclosure	47605-21E
21" Flush-Mount Cover	47605-21C
[D] 21" Premium Vented Hinged Door	47605-21S

28" METAL STRUCTURED MEDIA CENTER (28" X 14.38" X 3.63")

DESCRIPTION	SINGLE	3-PACK†
28" Enclosure and Flush-Mount Cover	47605-28W	—
28" Enclosure	47605-28N	47605-28G
28" Multi-Dwelling Unit Configuration B, enclosure and flush-mount cover	47605-M28	—
28" Flush-Mount Cover	47605-F28	47605-28B
28" Economy Hinged Door	47605-28D	—
28" Premium Vented Hinged Door	47605-28S	—
2" Deep Extender Bracket for 28" SMC	47612-28B	—

42" METAL STRUCTURED MEDIA CENTER (42.16" X 14.38" X 3.63")

DESCRIPTION	PART NO.
42" Enclosure and Flush-Mount Cover	47605-42W
42" Enclosure	47605-42N
42" Flush-Mount Cover	47605-F42
42" Economy Hinged Door	47605-42D
[E] 42" Premium Vented Hinged Door	47605-42S
2" Deep Extender Bracket for 42" SMC	47612-42B

STRUCTURED MEDIA CENTER ACCESSORIES

STRUCTURED MEDIA Center Lock and Key for SMC doors	5L000-L0K
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* = 47605-14G and 47605-14B ordered by the unit, must be ordered in increments of 6.

† = 47605-28G and 47605-28B ordered by the unit, must be ordered in increments of 3.

14" STRUCTURED MEDIA Center Enclosure
with Ceiling Mount Kit (47612-CMK)





COMPACT STRUCTURED MEDIA MDU ENCLOSURES

- Flexibility to accommodate a variety of telephone/video distribution configurations
- Snap-on cover requires no tools or fasteners
- Molded-in brackets provide quick snap-in convenience for expansion boards
- Angled video-splitter shelf for easy installation
- Accepts three expansion boards and one TV splitter
- Constructed of sturdy white ABS Polymer



FTTH POINT-OF-ENTRY BOX

- Provides convenient staging for terminating incoming fiber from service provider
- Can mount inside the STRUCTURED MEDIA™ Center or as a stand-alone unit on a wall
- Includes magnet for easy installation and place adjustments
- Includes an SC/APC adapter with two dust caps and two splice sleeves
- Made of ABS plastic



MULTI-BAY ENCLOSURES

- Structured wiring components typically mount in the upper section of the dual enclosure and optical network termination (ONT) mounts in the lower section
- Allow separate lockable sections for FTTH integration
- In a separate bay, a full Leviton structured wiring system can be easily connected and optimized up to gigabit speeds and beyond to maximize incoming fiber optic connection
- Ideal for new installations or retrofits
- Use multiple covers or doors to provide access and security
- Minimum order quantity and lead times may apply.



COMPACT STRUCTURED MEDIA MDU ENCLOSURES (8.02" X 14.38" X 3.71")

DESCRIPTION	PART NO.
[A] Compact STRUCTURED MEDIA Enclosure and Cover, empty	47605-MDU
Compact STRUCTURED MEDIA Enclosure Cover Only	47605-MDC
[B] MDU Kit (compact STRUCTURED MEDIA Enclosure and Cover plus 1x6 Telephone Expansion Board)	47604-0F6
[C] MDU Kit (compact STRUCTURED MEDIA Enclosure and Cover plus 1x6 Telephone Expansion Board and 6-Way Splitter)	47604-F6S

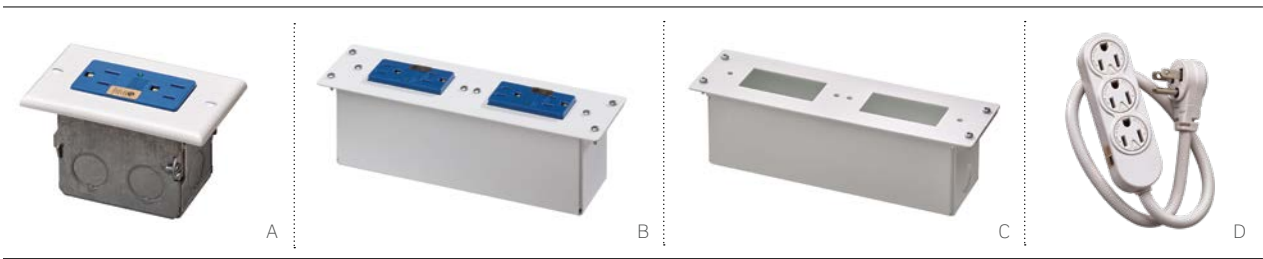
FIBER-TO-THE-HOME POINT-OF-ENTRY BOX (3.94" X 3.15" X 0.84")

[D] FTTH Point of Entry Box	FTH00-00W
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METAL MULTI-BAY ENCLOSURES

[E] 28" + 14" Dual Multi-Bay Enclosure	47FTH-840
46.64" (1,184.6 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D	
42" + 14" Dual Multi-Bay Enclosure	47FTH-420
57.64" (1,464.1 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D	

See pages G5-G6 for covers and doors.



SURGE-PROTECTION, STANDARD AC POWER MODULES & J-BOX KITS

- Fit in standard 14"-, 21"-, 28"-, and 42"-STRUCTURED MEDIA™ Centers
- Surge-protected versions provide enhanced protection and EMI/RFI filtering per UL 1449 standard
- Empty Decora AC Power Module (47605-EDP) accepts Leviton's wide range of receptacles

3-OUTLET POWER STRIP

- Includes three NEMA 5-15R receptacles and 1.5-foot cord attached

POWER SUPPLIES	
DESCRIPTION	PART NO.
[A] Surge J-Box Kit, one duplex receptacle, wallplate	47605-ACS
Non-Surge J-Box Kit, one duplex receptacle, wallplate	47605-ACN
[B] Surge AC Power Module, two duplex receptacles	47605-ODP
Non-Surge AC Power Module, two duplex receptacles	47605-NDP
[C] Decora® Dual-Gang AC Power Enclosure (empty)	47605-EDP
[D] 3-Outlet AC Power Strip for STRUCTURED MEDIA Centers	49605-APS



A



B



C



D



E



F



G



H

MOUNTING BRACKETS

DESCRIPTION	PART NO.
[A] 6-Port Versatile QUICKPORT™ Bracket*	47690-HSB
[B] Single Plastic Bracket, for single expansion board, white	47612-SBK
[C] Compact (6" width) Expansion Plastic Bracket, for up to three expansion boards, white	47612-HBK
[D] Data Plastic Bracket, for mounting routers and switches	47612-DBK
[E] 12-Port QUICKPORT™ Mounting Bracket	47600-QPB

* = See page G13 for Versatile Bracket with Passive Coaxial Splitters.

MOUNTING BRACKETS

- Installation in any Leviton 14", 21", 28", or 42"-STRUCTURED MEDIA™ Center
- Versatile Bracket uses Secure Snap mounting for easy installs
- Allow for cable management via routing under bracket
- Versatile and 12-Port Brackets accept all QUICKPORT Jacks

CAT 6 HIGH-FLEX PATCH CORD

DESCRIPTION	PART NO.
[F] Cat 6 High-Flex Patch Cord	6H460-xx*

xx = Length: 6" (6I), 1'-20' (01-20).

See copper patch cords A17 for a complete part number chart.

* = Colors: Choose from any of the colors below.



White (W)



Yellow (Y)



Red (R)



Blue (L)



Green (G)



Gray (S)



Black (E)

CAT 6 HIGH-FLEX PATCH CORDS

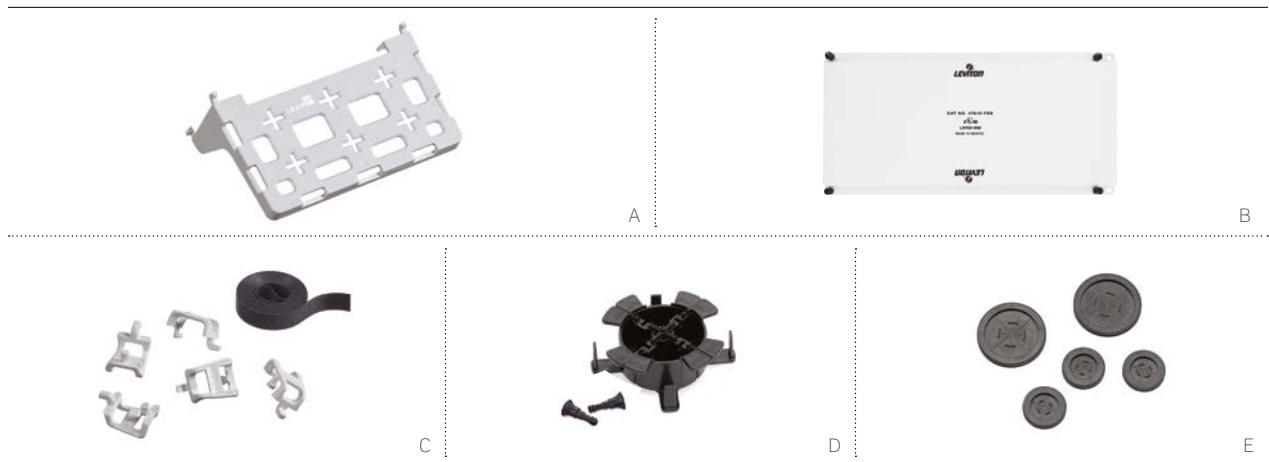
- Power over Ethernet compatible
- Bend radius is a narrow 0.60 inches, versus 1.0 inch for typical Cat 6 patch cords
- Snagless plug design with integrated strain-relief boot
- Dual-rated cable jacket (CM, LSHF/LSZH)

MULTIMEDIA ADAPTER BRACKET & MOUNTING PLATES

DESCRIPTION	PART NO.
[G] Multimedia Adapter Bracket	47612-MMA
[H] F-Connector Mounting Plate, 6-pack, loaded	5F100-6VF
QUICKPORT Mounting Plate, 6-pack, unloaded	5F100-6QP

MULTIMEDIA ADAPTER BRACKET & MOUNTING PLATES

- Bracket is constructed of white powder-coated steel
- Bracket includes push-lock pins for mounting in STRUCTURED MEDIA Center
- Plates are constructed of black powder-coated steel



UNIVERSAL SECURITY & SHELF BRACKETS

- **Universal Shelf Bracket** includes a 30-inch roll of Hook & Loop Fasteners with two saddle ties, providing flexible options to secure active gear
- **Universal Security Board Mounting Plate** includes four adhesive clips for mounting security circuit boards

CABLE MANAGEMENT

- **Snap-in Saddle Ties with Hook & Loop Fasteners** provides vertical and horizontal cable management anywhere in the enclosure
- **Cable Routing Ring** routes and stores cable slack
- **Grommet Accessory Pack** protects incoming/outgoing cables through knockouts

UNIVERSAL SECURITY & SHELF BRACKETS

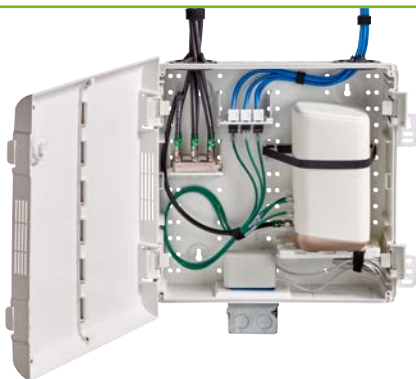
DESCRIPTION	PART NO.
[A] Universal Shelf Bracket	49605-AUB
[B] Standard (12" width) Universal Security Board Mounting Plate	47612-FSB

CABLE MANAGEMENT

[C] Snap-in Saddle Tie Kit with Hook & Loop Fasteners (includes 5 saddle ties, 5' of ½" Hook & Loop Fasteners Softcinch, black)	49605-AST
15' Bulk Roll of ½" Hook & Loop Fasteners Softcinch, black	49605-AHL
[D] Cable Routing Ring	49605-AFR
[E] Grommet Accessory Pack	49605-GRM

SPOTLIGHT

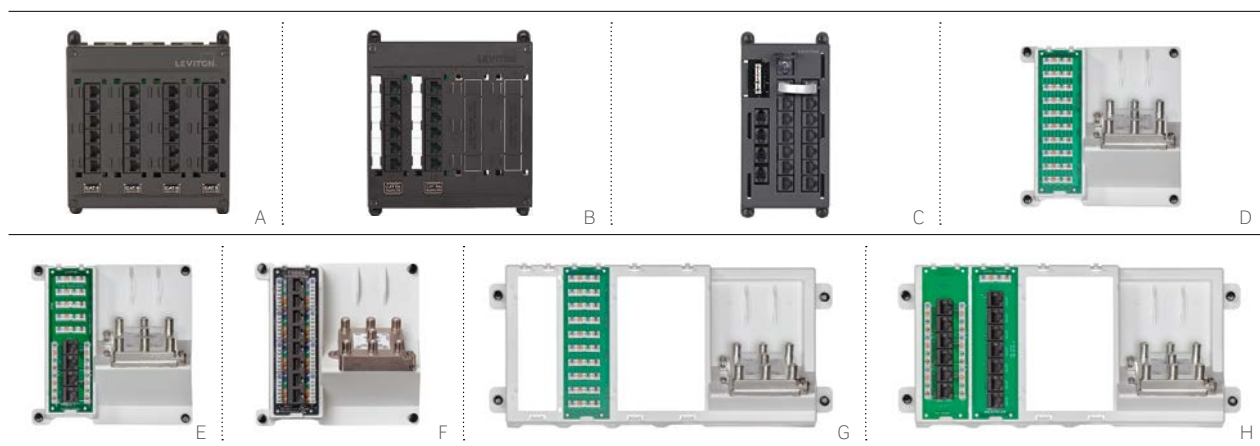
Mounting Bracket



6-Port Versatile QUICKPORT Bracket

The Versatile QUICKPORT Bracket offers greater flexibility when populating the STRUCTURED MEDIA Center. Its compact design allows for mounting coax splitters or QUICKPORT connectors in a space-saving footprint, with multiple installation options and Secure Snap mounting for easier installs.

MDU & HOSPITALITY | Twist & Mount, TIDP & STRUCTURED MEDIA™ Panels



TWIST & MOUNT PATCH PANELS

- Low-profile, high-density, component-rated patching for voice and gigabit ethernet connections
- Feature simple Twist & Mount installation
- Universal T568A and T568B wiring labels ensure compatibility in residential and commercial installations

TELEPHONE INPUT DISTRIBUTION PANELS (TIDP)

- Offer choice of inputs and outputs: one 4-pair 110-style IDC input, four industry-standard RJ-11 jack inputs, 12 modular industry-standard RJ-45 jack outputs
- Security jack for interfacing with security systems
- Test and auxiliary disconnect outlet (ADO) ports for isolation and testing of telephone line connections

TWIST & MOUNT PANELS & TELEPHONE INPUT DISTRIBUTION PANELS

DESCRIPTION	PART NO.
[A] Twist & Mount Patch Panel, Cat 6	476TM-6xx
Twist & Mount Patch Panel, 12 ports each of Cat 6 and Cat 5e (24 ports total)	476TM-654
Twist & Mount Patch Panel, 6 ports each of Cat 6 and Cat 5e (12 ports total)	476TM-652
[B] Twist & Mount Patch Panel, Cat 5e	476TM-5xx
Twist & Mount Expansion Board, 6 ports of Cat 6	476TM-EX6
[C] Telephone Input Distribution Panel (TIDP)	476TL-T12

xx = 12-Port (12), 24-Port (24)

PRE-CONFIGURED COMPACT STRUCTURED MEDIA PANELS

- Compact series (six-inch width) pre-configured panels are an ideal solution for basic telephone, data, and TV distribution in MDUs where space and budget are of primary concern

PRE-CONFIGURED STANDARD STRUCTURED MEDIA PANELS

- Standard series (twelve-inch width) pre-configured panels combine voice, data, and TV modules into a single, simple distribution point, with room for additional expansion boards

PRE-CONFIGURED COMPACT STRUCTURED MEDIA PANELS — COMPACT WIDTH (6")

DESCRIPTION	PART NO.
[D] 1x9 Bridged Telephone and 6-Way TV splitter	47603-2G6
1x9 Bridged Telephone and 8-Way TV splitter	47603-2G8
[E] 1x4 Bridged Telephone, 4 Cat 5e Data, and 6-way TV splitter	47603-DP6
[F] 8-Port Cat 6 Data and 6-Way Coaxial Splitter	47603-686

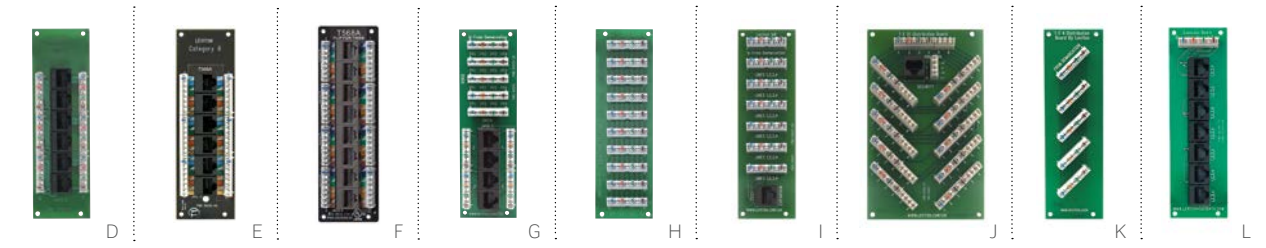
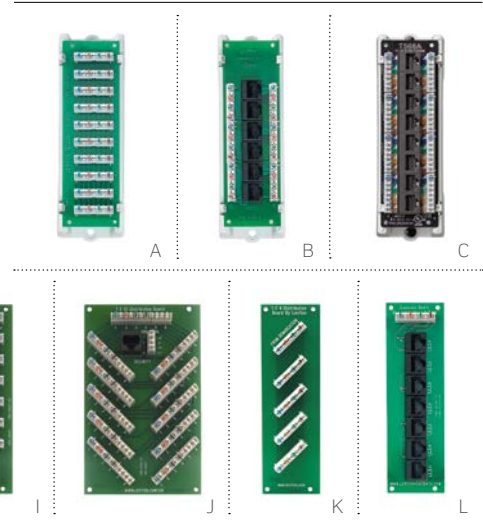
PRE-CONFIGURED STANDARD STRUCTURED MEDIA PANELS

[G] Basic Telephone and Video Panel: 1x9 Phone Board, 6-Way TV Splitter	47606-BTV
[H] Basic Home Networking Plus Panel: Phone Patching Board, 6-Port Cat 5e Board, 6-Way TV Splitter	47606-BNP

MDU & HOSPITALITY | Modules & Expansion Boards

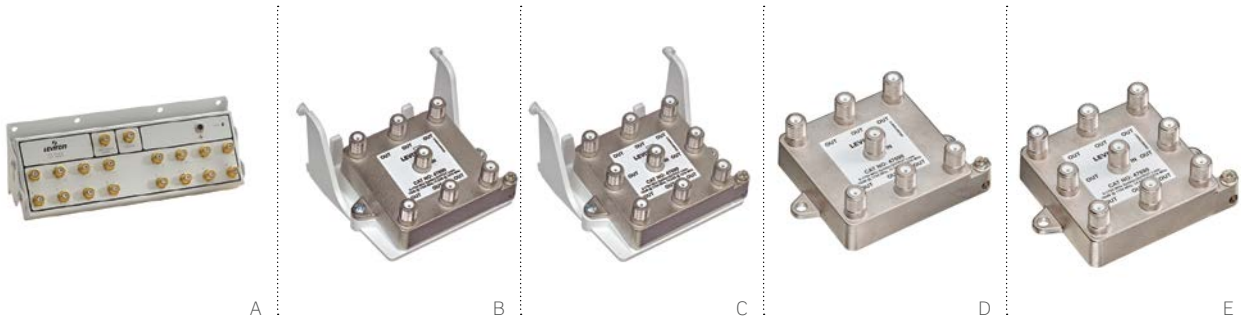
MODULES

DESCRIPTION	PART NO.
[A] 1x9 Bridged Telephone Module	47689-00B
[B] Cat 5e Voice and Data Module	47605-C5B
6-Port Cat 6 Voice and Data Module	47611-C6B
[C] 8-Port Cat 6 Voice and Data Module	47611-86B
Telephone Security Module	47609-TSV



EXPANSION BOARDS

DESCRIPTION	FEATURES	PART NO.
[D] Cat 5e Voice and Data Board	- Combine with a TLDM, key system, or network switches - 4-pair 110-type IDC punchdowns and 6 Cat 5e RJ-45 ports	47603-0C5
[E] 6-Port Cat 6 Voice and Data Board	- Combine with gigabit Internet router or Ethernet switch - 4-pair 110-type IDC punchdowns and six Cat 6 jacks	47611-0C6
[F] 8-Port Cat 6 Voice and Data Board	- Combine with Gigabit Internet Router or Ethernet Switch - 4-pair 110-type IDC punchdowns and eight Cat 6 connectors	47611-086
[G] Combo Phone & Data Board with 1x4 Bridged Phone and 4-Port Cat 5e	- Four ports of Cat 5e 150 MHz data connections via modular RJ-45 jacks and 4-pair 110-type IDC punchdowns	47609-4DP
[H] 1x9 Bridged Telephone Board	- Connect up to nine separate telephones per line - 4-pair 110-type IDC punchdowns	47603-110
[I] 1x6 Bridged Telephone Board	- Connect up to six separate telephones per line - IDC connectors for Cat 5, 5e, or 6 and RJ-45 expansion port	47609-0F6
[J] 1x10 Bridged Telephone Board	- Connect up to 10 separate telephones per line - IDC connectors for Cat 5, 5e, or 6 wire - Security port and punchdown security interface to accommodate alarm systems	47609-S10
[K] 1x4 Bridged Telephone Board	- Bridge up to four lines to four locations via IDC punchdowns	47609-004
[L] Telephone Patching Board/Expanded 4-line Telephone Distribution	- One incoming 4-pair 110-type IDC punchdown and seven outgoing RJ-45 jack connections - Combine with a Cat 5e or 6 board to route telephone to remote locations	47609-EMP
Telephone Line Distribution Board	- 19 multi-line telephone connections in combinations of two or four lines - Bridge "line 1" service to 12 locations and four-line service to eight locations - Connect to voice and data board(s) or additional panels for more connections and easier moves/adds/changes - Independent RJ-45 jack and punchdown security interface to accommodate alarm systems	47603-TDM



PREMIUM AMPLIFIED CATV/HDTV MODULE

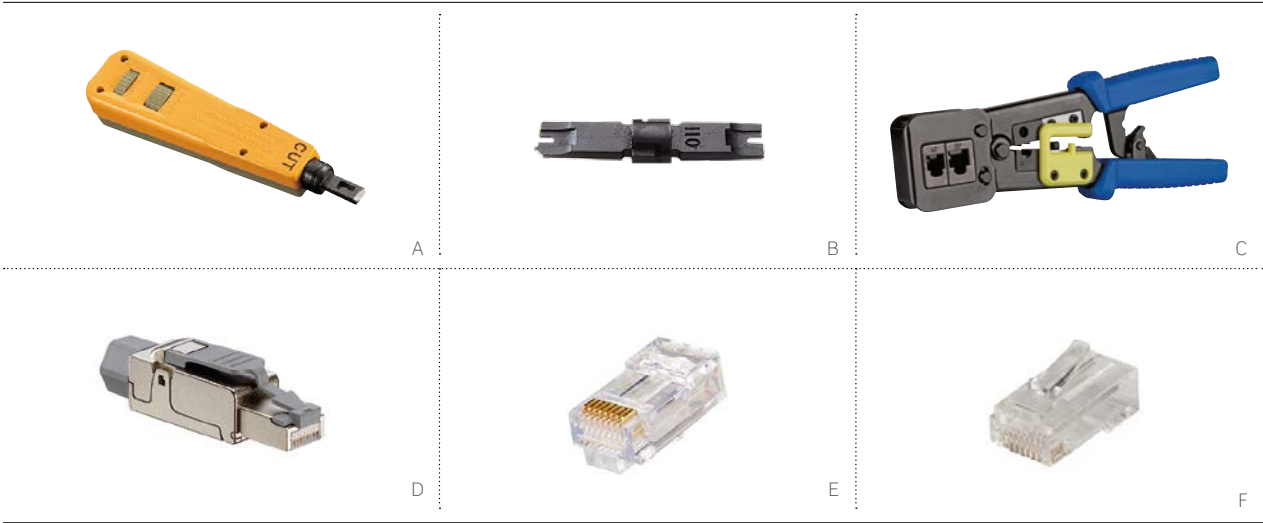
- Splits and/or amplifies signal to sixteen TVs throughout the home
- Supports frequencies up to 1000 MHz
- Forward path internal amplifier provides equal input and output level on all ports
- Unity gain eliminates the need to manually adjust attenuation
- HDTV and digital cable-ready SCTE- and DOCSIS 3.0-compliant

PASSIVE COAXIAL SPLITTERS

- Split signal to six or eight TVs throughout the home
- Provide digital cable, cable TV, and other TV services via coaxial cable
- Lightweight, strong die-cast housing
- HDTV and digital cable-ready; SCTE-compliant
- Available with and without Versatile QUICKPORT Bracket for mounting to STRUCTURED MEDIA™ Center

Additional video connectivity solutions located in Section E.

PREMIUM MODULES		
DESCRIPTION		PART NO.
[A]	1x16 Premium Video Module, 1 GHz	47693-16P
PASSIVE SPLITTERS		
DESCRIPTION	WITH VERSATILE BRACKET	WITHOUT BRACKET
1x6 Passive Video Splitter	[B] 47690-6M2	[D] 47690-0G6
1x8 Passive Video Splitter	[C] 47690-8M2	[E] 47690-0G8



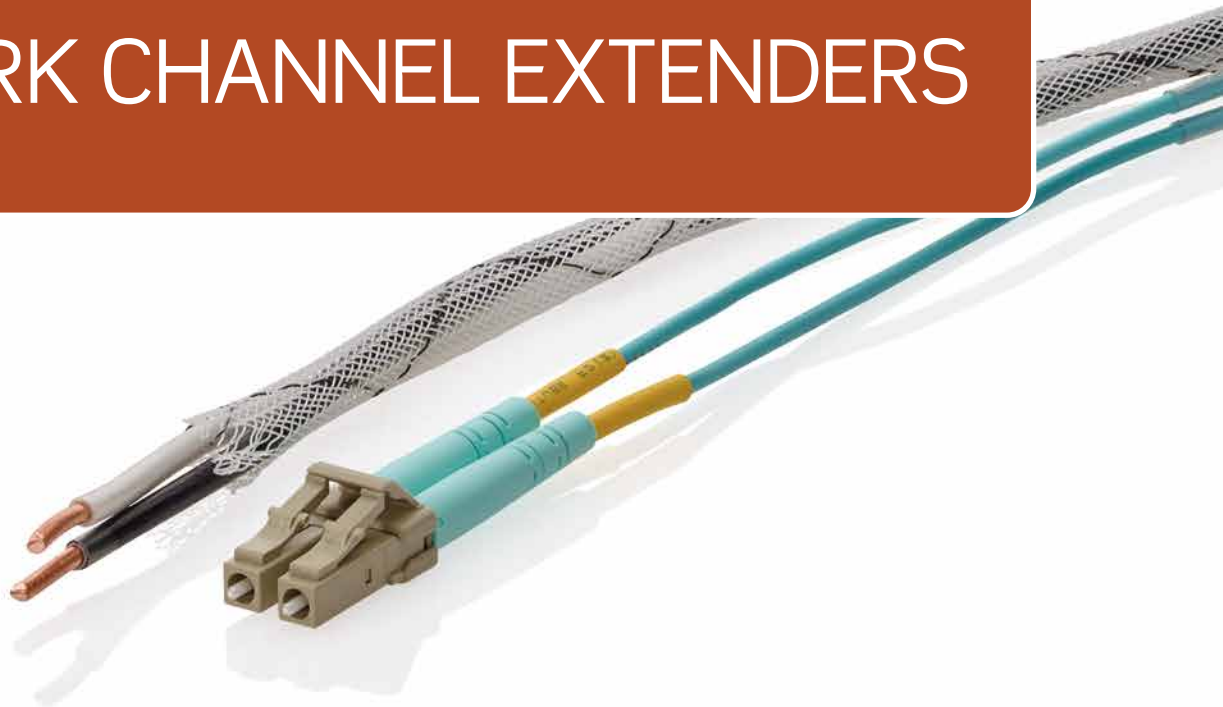
RESIDENTIAL TOOLS & ACCESSORIES		
DESCRIPTION	PART NO.	
[A] Wire Punchdown/Termination Tool, (blades sold separately)	49553-814	
[B] 110 IDC Blade	49553-110	
UTP Stripping Tool	49660-00P	
[C] EZ-RJ45® Crimp Tool	40989-ACT	
Push-Lock Pins for STRUCTURED MEDIA™ Enclosures, pack of 20	47615-NYL	
Reclosable Tie-Wrap, 5" Length, pack of 25	43105-005	

RESIDENTIAL PLUGS		
DESCRIPTION	PART NO.	
[D] Cat 6A Universal Tool-Free Plug	6APLG-S6A	
[E] EZ-RJ45 Cat 6 Plug*	47613-EZ6	
[F] EZ-RJ45 Cat 5e Plug*	47613-EZC	
EZ-RJ45 Cat 5e Plug Display Pack, pack of 10	47613-EZR	

* = Must be purchased in increments of 50



NETWORK CHANNEL EXTENDERS



SECTION H CONTENTS

ONEREACH™	H3	Head End Devices
POE EXTENDER	H4	Cable Assemblies
SYSTEM	H5	Remote End Devices
	H6	Distance Guarantees

ONEREACH™ POE EXTENDER SYSTEM | Head End Devices



HEAD END DEVICES FOR POWER INJECTION (PI)

With options to power one device or many, the OneReach PI seamlessly becomes a part of the network infrastructure, with the 2U Power Injector Chassis installed in a standard 19" rack.

HEAD END DEVICES FOR POWER INJECTION (PI)						
DESCRIPTION	SLOTS	QUANTITY OF SUPPORTED POE POWERED DEVICES*			OPERATING TEMP.	PART NO.
		PoE PORTS	PoE+ PORTS	PoE++ PORTS^		
1-port Source, 1000BASE-SX, LC duplex, MMF, Ext AC Power Supply	—	1	1	1	+32 to +104 °F (0 to +40 °C)	81001514
[A] 1-port Source, 1000BASE-LX, LC duplex, SMF, Ext AC Power Supply	—	1	1	1	+32 to +104 °F (0 to +40 °C)	81001515
1U Mounting Bracket, for two 1-port Sources	—	2	2	2	—	81000463
Power Supply Module, 250 W AC in, 56 VDC out	1	12	8	4	+32 to +104 °F (0 to +40 °C)	81001536
[B] 2U Chassis, 6 slots	—	—	—	—	+32 to +104 °F (0 to +40 °C)	81001531
4-port Media Module, 1000BASE-SX, 4x LC duplex (rear), MMF	1	4	4	4	+32 to +104 °F (0 to +40 °C)	81000413
[C] 4-port Media Module, 1000BASE-LX, 4x LC duplex (rear), SMF	1	4	4	4	+32 to +104 °F (0 to +40 °C)	81001262
Blanking Panel for Power Injector Chassis	1	—	—	—	—	81000190

* = Remote needed to support PoE devices.

^ = 60 W shown; please contact Technical Services for 100 W applications.



ONEREACH CABLE ASSEMBLIES

The ONEREACH Cable Assembly combines optical fiber (communication) and copper conductors (power) in a single assembly that easily attaches with standard M8 and LC connectors taking PoE up to 10,000 ft.

- Simple, single pull installation
- Designed for indoor (dry location) and outdoor (damp and wet locations) environments
- Cables rated from -40 to 167 °F (-40 to 75 °C)

CABLE ASSEMBLIES

DESCRIPTION	# OF FIBERS	FIBER TYPE	CONDUCTOR COUNT	CONDUCTOR GAUGE	PART NO.
LC-LC 1-port Tight Buffered Cable Assembly, Plenum	2	OM3	2	12	BHCP02E02D44FFNNPxxxx*
LC-LC 1-port Tight Buffered Cable Assembly, Riser	2	OM3	2	12	BHCR02E02D44FFNNPxxxx*
LC-LC 1-port Tight Buffered Cable Assembly, Plenum	2	SMF	2	12	BHCP02A02D44FFNNPxxxx*
LC-LC 1-port Tight Buffered Cable Assembly, Riser	2	SMF	2	12	BHCR02A02D44FFNNPxxxx*
LC-LC 1-port Tight Buffered Interlock Armor Cable Assembly, Riser	2	OM3	2	12	BHCR02E02D44FFNNPxxxx*
LC-LC 1-port Tight Buffered Interlock Armor Cable Assembly, Riser	2	SMF	2	12	BHCR02A02D44FFNNPxxxx*
LC-LC 2-port Loose Tube Cable Assembly, Riser	4	OM3	2	12	BACR04E02D44FFNNPxxxx*
LC-LC 2-port Loose Tube Cable Assembly, Riser	4	SMF	2	12	BACR04A02D44FFNNPxxxx*
LC-LC 4-port Loose Tube Cable Assembly, Riser	8	OM3	4	12	BACR08E04D44FFNNPxxxx^
LC-LC 4-port Loose Tube Cable Assembly, Riser	8	SMF	4	12	BACR08A04D44FFNNPxxxx^

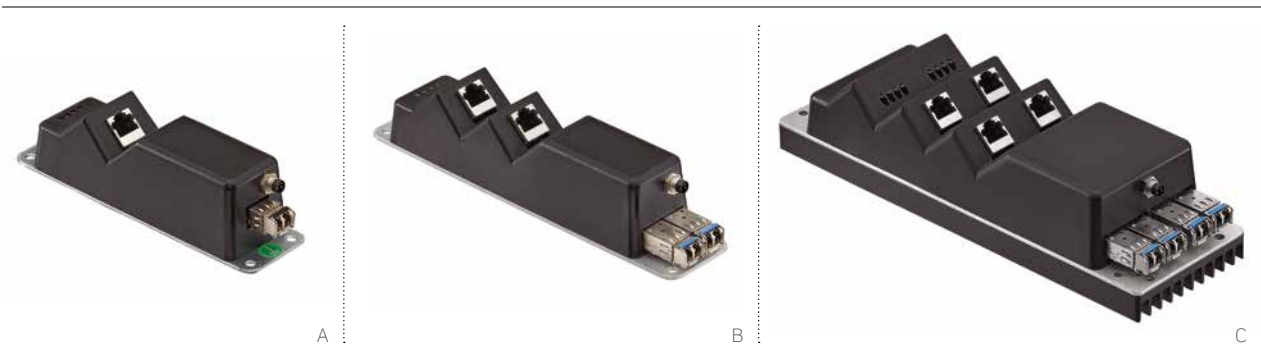
xxxx = Length in feet (using leading zeros as needed).

* = M8 Pigtail 11099456 is required when ordering.

^ = M8 Pigtail 11099453 is required when ordering.

Additional cable/assembly configurations are available upon request.

ONEREACH™ POE EXTENDER SYSTEM | Remote End Devices



REMOTE END DEVICES

Remote devices mount in enclosures and connect to active devices using category cables terminated with standard RJ-45 connectors.

- No need to install costly remote power outlets, remote UPS devices, or remote industrial switches
- Invisible to the network, so there is no virtual entry point for hackers into your network
- The only configuration needs to occur at the closet's switch
- Easily attach pre-terminated LC connectors for data transmission
- Standard M8 connector screws into place to complete power circuit
- Uses standard RJ-45 connectivity to patch to the security camera, wireless access point, or any other IP-based device

REMOTE END DEVICES			
DESCRIPTION	QTY. OF POWERED DEVICES SUPPORTED	OPERATING TEMP.	PART NO.
[A] 1-port Remote, 1000BASE-SX, PoE++, LC duplex, MMF, RJ-45, M8 Power Input	1	-40 to +158 °F (-40 to +70 °C)	81001512
1-port Remote, 1000BASE-LX, PoE++ , LC duplex, SMF, RJ-45, M8 Power Input	1	-40 to +158 °F (-40 to +70 °C)	81001513
2-port Remote, 1000BASE-SX, PoE++, 2x LC duplex, MMF, RJ-45, M8 Power Input	2	-40 to +158 °F (-40 to +70 °C)	81001534
[B] 2-port Remote, 1000BASE-LX, PoE++, 2x LC duplex, SMF, RJ-45, M8 Power Input	2	-40 to +158 °F (-40 to +70 °C)	81001535
4-port Remote, 1000BASE-SX, PoE++, 4x LC duplex, MMF, RJ-45, M8 Power Input	4	-40 to +158 °F (-40 to +70 °C)	81001532
[C] 4-port Remote, 1000BASE-LX, PoE++, 4x LC duplex, SMF, RJ-45, M8 Power Input	4	-40 to +158 °F (-40 to +70 °C)	81001533

ONEREACH™ POE EXTENDER SYSTEM | Distance Guarantees

DISTANCE GUARANTEES

The following two tables provide the supported distance between the head end (1-port Sources, Media Modules, and/or Chassis) and the Remote PoE Ports, using 12 AWG hybrid cables to connect the ends.

The first row of each table 328 ft (100 m) addresses the standard implementation of PoE, as sourced from the 1-, 2-, or 4-port Remote. This distance allows for the maximum flexibility in powered device (PD) placement from the remote's installed location.

The second row 32 ft (10 m) is an engineered solution for those times when the PD are close to the remotes. This transfers some of the loss from the 328 ft (100 m) category cable to the larger 12 AWG conductors in the hybrid cable, supporting a distance increase between the head end and Remote PoE Ports.

SINGLE-MODE DISTANCE CHART: 1-PORT REMOTES*

PATCH DISTANCE	POWER LEVEL			
	15 W TYPE 1, CLASSES 0-3	30 W TYPE 2, CLASS 4	60 W TYPE 3, CLASSES 5-6	100 W TYPE 4, CLASSES 7-8
300 ft (100 m)	5,000 ft (1,524 m)	1,800 ft (548 m)	900 ft (274 m)	500 ft (152 m)
32 ft (10 m)	10,000 ft (3,048 m)	5,000 ft (1,524 m)	2,000 ft (609 m)	1,500 ft (457 m)

SINGLE-MODE DISTANCE CHART: 2-PORT AND 4-PORT REMOTES*

PATCH DISTANCE	POWER LEVEL			
	15 W TYPE 1, CLASSES 0-3 (ALL PORTS)	30 W TYPE 2, CLASS 4 (ALL PORTS)	60 W TYPE 3, CLASSES 5-6†	100 W TYPE 4, CLASSES 7-8‡
300 ft (100 m)	1,800 ft (548 m)	900 ft (274 m)	500 ft (152 m)	500 ft (152 m)
32 ft (10 m)	5,000 ft (1,524 m)	2,000 ft (609 m)	1,500 ft (457 m)	1,500 ft (457 m)

* = The distances shown in the table represent maximum reach with single-mode fiber. OM3 multimode supports a maximum distance of either 3,280 feet (1,000 meters) or the distance listed in the table above, whichever is smaller.

† = Ports 1 and 3 will support a 60 W device; ports 2 and 4 will support a 30 W device.

‡ = Ports 1 and 3 will support a 100 W device; ports 2 and 4 will support data only.

Note:

Standard distances for horizontal cabling of 328 ft (100 m) are used to calculate max distance for full power at the PSE.

Standard application distances of 32 ft (10 m) of 24 AWG stranded patch cordage are used to calculate max distances for full power at the PD.

See the full range of OneReach head end power injection devices, cable assemblies, and remote PoE ports at Leviton.com/OneReach.



INDUSTRIAL ETHERNET SOLUTIONS



SECTION I CONTENTS

INDUSTRIAL ETHERNET SOLUTIONS	I3	Factory Automation Applications
	I4	Industrial IP67 Connectivity
	I5	Industrial Copper Cables

CONNECT WITH CONFIDENCE

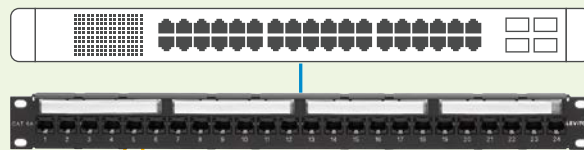
Downtime is lost time. And lost time means lost profitability. In harsh and industrial environments, you need reliable, worry-free performance for your Control, Monitor and Process applications. Leviton Industrial Ethernet Solutions give you the confidence to make the connection by eliminating and minimizing risk, and ultimately achieving 100% uptime.



- Cat 6 or 6A Patch Cord
- Cat 6 or 6A Cable
- Industrial Ethernet Cable
- DURAPORT™ Industrial Plug to RJ-45 Plug Patch Cord

ZONE A

In route to the factory



OFFICE + ZONE A

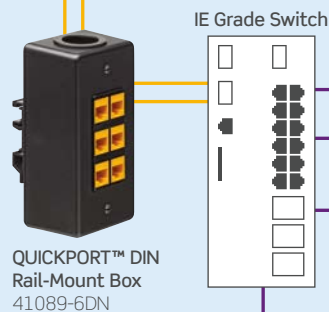
Switches / Servers

Patch Panel
6A586-U24

ZONE B

In the panel or enclosure

DIN Rail equipment



QUICKPORT™ DIN Rail-Mount Box
41089-6DN

MULTIPLE "ZONE B" CABINETS

Bulkhead Connections
Exiting Cabinet

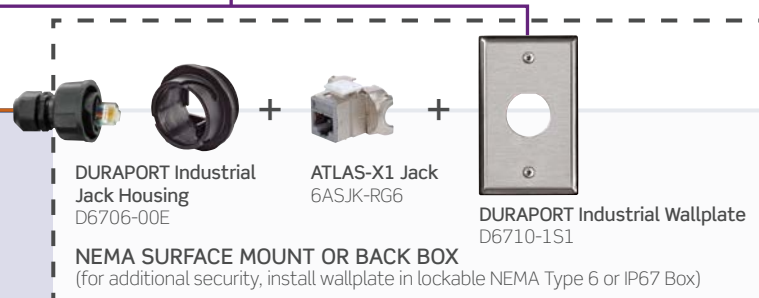
ATLAS-X1™ Jack
6ASJK-RG6

DURAPORT™ Industrial Jack Housing
D6706-00E

ZONE C

In or near the machine

Harsh environment cable and connections



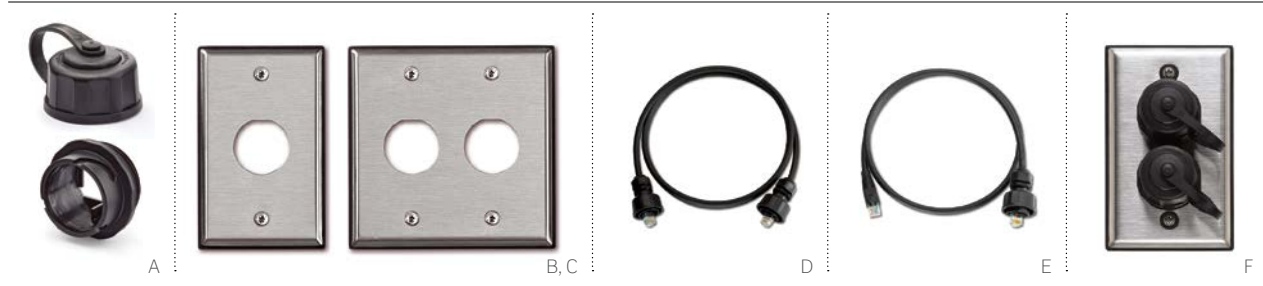
NEMA SURFACE MOUNT OR BACK BOX
(for additional security, install wallplate in lockable NEMA Type 6 or IP67 Box)

DURAPORT Industrial Patch Cord
D6723-xxE

Heavy Duty Industrial Ethernet Cable
(C637, C545, etc.)



ZONE C AT THE MACHINE



DURAPORT INDUSTRIAL JACK HOUSING

- Twist-lock mating allows for easy installation and provides a robust seal
- Compatible with all QUICKPORT™ Jacks and Couplers
- Captive cap with retainer protects and seals unused ports
- Patch cords and QUICKPORT Jacks are sold separately

DURAPORT INDUSTRIAL STAINLESS-STEEL WALLPLATE

- Patented overmolded gasket on wallplates provides a watertight fit
- Safeguards network in severe conditions and resists moisture, dust, corrosion, acids, oils, and vibration
- Compatible with standard NEMA boxes
- Compatible with Leviton heavy duty Weatherproof Boxes, available in single-gang (1GM53, 1GM73) and two-gang (2GM53, 2GM55, 2GM73, 2GM75) configurations

DURAPORT INDUSTRIAL OUTLET KIT

- DURAPORT components assembled for added convenience
- Kit includes DURAPORT housing, cap, and stainless-steel wallplate

DURAPORT INDUSTRIAL PATCH CORDS

- Available in UTP Cat 6 and S/FUTP Cat 6A constructions with CMX outdoor rated jacket
- Provide robust protection from sunlight, moisture, abrasion, and oil exposure

IP67-RATED INGRESS PROTECTION

- IP ratings are based on International Standard IEC 60529
- All DURAPORT products are IP67 rated as highlighted in the charts below

PROTECTION AGAINST SOLID OBJECTS

0	None
1	Solid objects larger than 50 mm
2	Solid objects larger than 12.5 mm
3	Solid objects larger than 2.5 mm
4	Solid objects larger than 1.0 mm
5	Dust
6	Dust tight

PROTECTION AGAINST WATER

0	None
1	Vertically falling water drops
2	Vertically falling water drops (up to 15° angle)
3	Spraying water
4	Splashing water
5	Water jets
6	Powerful water jets
7	Temporary immersion in water
8	Continuous immersion in water

DURAPORT INDUSTRIAL JACK HOUSINGS

DESCRIPTION	PART NO.
[A] Housing with Cap (jack sold separately)	D6700-00E
Replacement Cap (housing not included)	D6701-00E

DURAPORT INDUSTRIAL STAINLESS-STEEL WALLPLATES

DESCRIPTION	1-PORT SINGLE GANG	2-PORT SINGLE GANG	2-PORT DUAL GANG	4-PORT DUAL GANG
Industrial Wallplate, stainless steel, 1-port, single-gang	[B] D6710-1S1	D6710-1S2	[C] D6710-2S2	D6710-2S4

DURAPORT INDUSTRIAL PATCH CORDS, CAT 6

[D] DURAPORT Plug to DURAPORT Plug, black	D6720-xxE
[E] DURAPORT Plug to RJ-45 Plug, black	D6721-xxE

DURAPORT INDUSTRIAL PATCH CORDS, CAT 6A SHIELDED*

DURAPORT Plug to DURAPORT Plug	D6722-xxE
DURAPORT Plug to RJ-45 Plug	D6723-xxE

DURAPORT INDUSTRIAL OUTLET KITS

DESCRIPTION	1-PORT SINGLE GANG	2-PORT SINGLE GANG	2-PORT DUAL GANG	4-PORT DUAL GANG
Industrial Outlet Kit, stainless steel	D670K-1S1	[F] D670K-1S2	D670K-2S2	D670K-2S4

xx = Length in ft. 03, 05, 07, 10, 15, 20, 50

* = Cat 6A also available in 35 ft. Length: 35



ZONE A CABLES: CAT 6A, CAT 6 & CAT 5E

- 600 V AWM design for best electrical performance near machines and panels
- Easily transition from indoor to outdoor environments with CMR and CMX outdoor listing
- Sunlight Resistance II (720 hours) and Oil Resistance I [140 °F (60 °C)]
- Weld spatter resistance, abrasion resistance up to 75 cycles and pull tension up to 40 lbs.
- Complies with Low Voltage EU Directive 2014/35/EU, CE approved, RoHS EU Directive 2011/65/EU, PoE 802.3bt (Type 1, 2, 3, and 4), ANSI/TIA-568.2-D, ISO/IEC 11801, UL 444
- A750 and A920 Cat 6A cables include isolation wrap for UTP termination

AVAILABLE ZONE A FIBER CABLES:

See Section B for product details and ordering information.

Tight-Buffer Premises Distribution I/O

Tight Buffer Heavy Duty Breakout

Loose Tube (Dry-Gel) ADVENTUM™

Loose Tube (Gel Filled) Outside Plant All Dielectric

Loose Tube Outside (Gel Filled) Plant



INDUSTRIAL COPPER CABLES | Zone A > Cat 6A, 6 & 5e

ZONE A CABLES															
DESCRIPTION	PHYSICAL CHARACTERISTICS					PERFORMANCE RATING									PART NO
	# of Pairs	AWG	Shielding	Jacket Material	Nominal Diameter	Conductor	Flame Rating	Oil Resistance*	UV/Sunlight Resistance ^	Voltage Rating	Operating Temperature	Weld Spatter Resistant	Pull Tension†	Automation Protocol Compliance	
CAT 6A REELS															
[A] A750	4	23	U/UTP	PVC	0.313" (7.95 mm)	Solid	CMR CMX Outdoor	I	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	40 lbf (178N)	ODVA EtherNet/IP™	11099213 (Teal) 11101957 (Black)
A920	4	23	U/UTP	PVC	0.315" (8.00 mm)	Solid	CMR CMX Outdoor	I	II	300 V	-40 to +167 °F (-40 to +75 °C)	No	40 lbf (178N)	ODVA EtherNet/IP	11102422 (Teal)
CAT 6 REELS															
A689	4	23	U/UTP	PVC	0.265" (6.73 mm)	Solid	CMR CMX Outdoor	I	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	40 lbf (178N)	ODVA EtherNet/IP	11099212 (Teal) 11101956 (Black)
[B] A922	4	23	U/UTP	PVC	0.265" (6.73 mm)	Solid	CMR CMX Outdoor	I	II	300 V	-40 to +167 °F (-40 to +75 °C)	No	40 lbf (178N)	ODVA EtherNet/IP	11102424 (Teal)
CAT 5E REELS															
[C] A753	4	24	U/UTP	PVC	0.238" (6.05 mm)	Solid	CMR CMX Outdoor	I	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	40 lbf (178N)	ODVA EtherNet/IP	11099216 (Teal) 11101955 (Black)
A774	4	24	U/UTP	TPE	0.240" (6.10 mm)	Solid	CM CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	40 lbf (178N)	ODVA EtherNet/IP	11100402 (Teal) 11101964 (Black)
A921	4	24	U/UTP	PVC	0.240" (6.10 mm)	Solid	CMR CMX Outdoor	I	II	300 V	-40 to +176 °F (-40 to +80 °C)	No	40 lbf (178N)	ODVA EtherNet/IP	11102423 (Teal)

* = I (60 °C), II (75 °C)

^ = I (300 hrs), II (720 hrs)

† = Any tension above 25 lbf (110 N) requires a > 3 in (7.6 cm) bend radius.

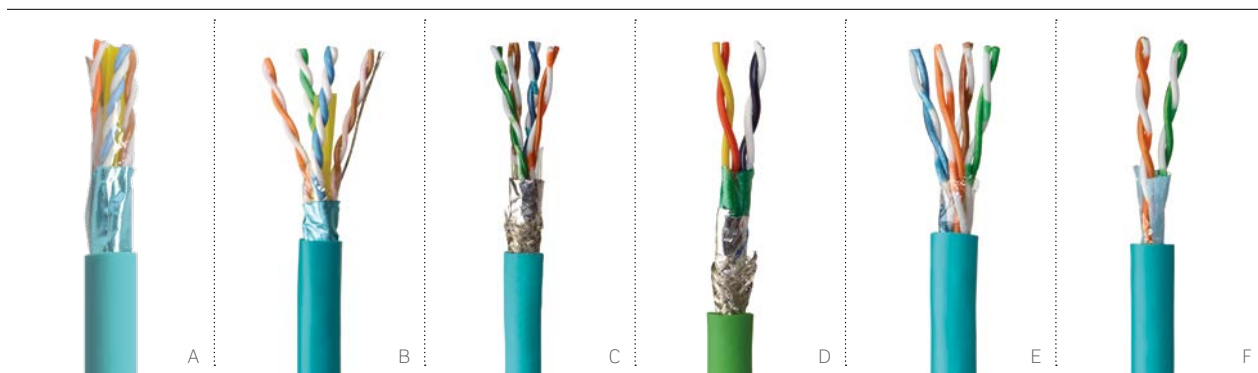
ZONE A FIBER CABLE SELECTOR GUIDE

See Section B for fiber cable details and ordering information

		PHYSICAL CHARACTERISTICS			PERFORMANCE RATING						
		Construction	Jacket Material	Max Fibers	Flame Rating	Indoor/Outdoor Use	Oil Resistance*	UV/Sunlight Resistance ^	Water Block/Resistance	Fungus Resistant	Operating Temperature
GIGALITE OM1 - OM4 or SMF	Premises Distribution I/O	Tight Buffer	PVC	144	Riser, Plenum	Indoor/Outdoor	Harsh Environment Only	Yes	Yes	Yes	-40 to +167 °F (-40 to +75 °C)
	Heavy Duty Breakout	Tight Buffer (Breakout Style)	PVC/PVDF	48(R) 36(P)		Indoor/Outdoor Optional		Optional	Optional	Optional	
	ADVENTUM™	Loose Tube (DryGel)	PVC/PVDF/LSHF/LSZH	432		Indoor/Outdoor		Yes	Yes	Yes	
	Outside Plant All Dielectric	Loose Tube (Gel Filled)	MDPE		No	Outdoor	No				

* = I (60 °C), II (75 °C)

All cables are suitable for tray installation. Fiber cables are available with ARMOR-TEK™ Aluminum for superior crush and rodent resistance. Direct Bury with corrugated steel available on ADVENTUM and Outside Plant All Dielectric.



ZONE B CABLES: CAT 6A & CAT 6

- Superior performance with foil shielding
- 600 V AWM design for best electrical performance near machines and panels
- Sunlight Resistance II (720 hours) and Oil Resistance I [140 °F (60 °C)]
- Weld spatter resistance, abrasion resistance up to 75 cycles and pull tension up to 40 lbs.
- Transitions well from indoor to outdoor environments with CMR and CMX outdoor listing
- Suitable for basket tray installations
- Complies with Low Voltage EU Directive 2014/35/EU, CE approved, RoHS EU Directive 2011/65/EU, PoE IEEE 802.3 (Type 1, 2, 3, and 4), ANSI/TIA-568.2-D, ISO/IEC 11801-1, and UL 444

ZONE B CABLES: CAT 5E SOLID TINNED

- Fully compliant with Category 5e requirements
- 600 V AWM design for best electrical performance near machines and panels
- Oil Resistance II [167 °F (75 °C)] and Sunlight Resistance II (720 hours)
- Rugged industrial design with weld spatter resistance and pull tension up to 40 lbs.
- Suitable for basket tray installations
- Complies with Low Voltage EU Directive 2014/35/EU, CE approved, RoHS EU Directive 2011/65/EU, PoE 802.3 (Type 1, 2, 3, and 4), ANSI/TIA-568.2-D, ISO/IEC 11801-1, UL 444

ZONE B CABLES: CAT 5E STRANDED

- Fully compliant with Category 5e requirements
- 600 V AWM design for best electrical performance near machines and panels
- Oil Resistance I (60°C) and Sunlight Resistance I (300 hours)
- Installation pull tension up to 40 lbs.
- Transitions well from indoor to outdoor (damp location) environments with CMR and CMX outdoor listing
- Suitable for basket tray installations
- Complies with Low Voltage EU Directive 2014/35/EU, CE approved, RoHS EU Directive 2011/65/EU, PoE 802.3 (Type 1, 2, 3, and 4), ANSI/TIA-568.2-D, ISO/IEC 11801-1, UL 444

INDUSTRIAL COPPER CABLES | Zone B > Cat 6A, 6 & 5e

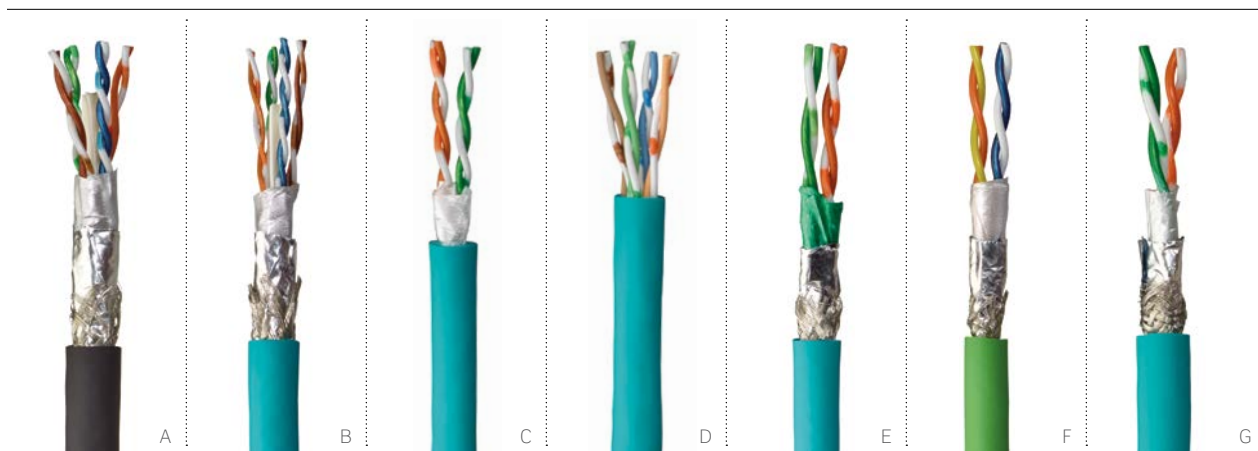
ZONE B CABLES															
DESCRIPTION	PHYSICAL CHARACTERISTICS					PERFORMANCE RATING									PART NO
	# of Pairs	AWG	Shielding	Jacket Material	Nominal Diameter	Conductor	Flame Rating	Oil Resistance*	UV/Sunlight Resistance^	Voltage Rating	Operating Temperature	Weld Spatter Resistant	Pull Tension ^	Automation Protocol Compliance	
CAT 6A REELS															
[A] B751	4	23	F/UTP	PVC	0.315" (8.00 mm)	Solid	CMR CMX Outdoor	I	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	40 lbf (178 N)	ODVA EtherNet/IP™	11099214 (Teal) 11101959 (Black)
B919	4	23	F/UTP	PVC	0.315" (8.00 mm)	Solid	CMR CMX Outdoor	I	II	300V	-40 to +167 °F (-40 to +75 °C)	No	40 lbf (178 N)	ODVA EtherNet/IP	11102372 (Teal)
CAT 6 REELS															
[B] B752	4	23	F/UTP	PVC	0.315" (8.00 mm)	Solid	CMR CMX Outdoor	I	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	40 lbf (178 N)	ODVA EtherNet/IP	11099215 (Teal) 11101514 (Black)
B840 [‡]	4	22	F/UTP	PVC	0.368" (9.35 mm)	Solid	CMR CMX Outdoor	I	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	40 lbf (178 N)	—	11101314 (Teal) 11104013 (Black)
B917	4	23	F/UTP	PVC	0.315" (8.00 mm)	Solid	CMR CMX Outdoor	I	II	300 V	-40 to +167 °F (-40 to +75 °C)	No	40 lbf (178 N)	ODVA EtherNet/IP	11102363 (Teal)
CAT 5E SOLID TINNED REELS															
B535	2	24	U/UTP	TPE	0.240" (6.10 mm)	Solid	CM CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	40 lbf (178 N)	ODVA EtherNet/IP	11099201 (Teal) 11101914 (Black)
B536	2	24	SF/UTP	TPE	0.270" (6.86 mm)	Solid	CM CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	40 lbf (178 N)	ODVA EtherNet/IP	11082682 (Teal) 11102350 (Black)
[C] B537	4	24	SF/UTP	TPE	0.290" (7.37 mm)	Solid	CMR CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	40 lbf (178 N)	ODVA EtherNet/IP	11099216 (Teal) 11101955 (Black)
[D] B789 [‡]	2	22	SF/UTP	TPE	0.305" (7.75 mm)	Solid	CMR CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	40 lbf (178 N)	PROFINET Type A	11100373 (Green)
CAT 5E STRANDED REELS															
[E] B540	4	24	U/UTP	PVC	0.260" (6.60 mm)	Stranded	CMR CMX Outdoor	I	I	600 V AWM	-40 to +176 °F (-40 to +80 °C)	No	40 lbf (178 N)	ODVA EtherNet/IP	11099205 (Teal) 11102379 (Black)
[F] B585	2	24	U/UTP	PVC	0.240" (6.10 mm)	Stranded	CMR CMX Outdoor	I	I	600 V AWM	-40 to +176 °F (-40 to +80 °C)	No	40 lbf (178 N)	ODVA EtherNet/IP	11099209 (Teal) 11102378 (Black)
B587	2	24	SF/UTP	PVC	0.250" (6.35 mm)	Stranded	CMR CMX Outdoor	I	I	600 V AWM	-40 to +176 °F (-40 to +80 °C)	No	40 lbf (178 N)	ODVA EtherNet/IP	11099203 (Teal) 11102377 (Black)
B907	4	24	SF/UTP	PVC	0.300" (7.62 mm)	Stranded	CMR CMX Outdoor	I	I	600 V AWM	-40 to +176 °F (-40 to +80 °C)	No	40 lbf (178 N)	ODVA EtherNet/IP	11102143 (Teal)

* = I (60 °C), II (75 °C)

^ = I (300 hrs), II (720 hrs)

‡ = Any tension above 25 lbf (110 N) requires a > 3 in (7.6 cm) bend radius.

‡ = Tray Rating: B840 is PLTC rated; B789 is PLTC/ITC rated.



ZONE C CABLES: CAT 6A

- Fully compliant to Category 6A requirements and 10 Gigabit Ethernet
- Small diameter with 26 AWG conductor option for optimal connectivity
- Superior protection against electromagnetic noise with foil and braid shielding, Transfer Impedance Grade 2 and Coupling Attenuation Type I
- 600 V AWM design for best electrical performance near machines and panels
- 35 million flex cycles for continuous motion and robotic applications with durable TPE jacket and stranded conductors
- Oil Resistance II [167 °F (75 °C)] and Sunlight Resistance II (720 hours)
- Rugged industrial design with high abrasion resistance, weld spatter resistance, and pull tension up to 40 lbs.
- Transitions well from indoor to outdoor (damp location) environments with CMR and CMX outdoor listing
- Suitable for basket tray installations
- Complies with Low Voltage EU Directive 2014/35/EU, CE approved, RoHS EU Directive 2011/65/EU, PoE 802.3 (Type 1, 2, 3, and 4), ANSI/TIA-568.2-D, ISO/IEC 11801-1, UL 444

AVAILABLE ZONE A FIBER CABLES:

See Section B for product details and ordering information.

Tight-Buffer Premises Distribution Harsh Environment

Loose Tube (Dry-Gel) ADVENTUM™ Harsh Environment



ZONE C CABLES: CAT 5E

- 600 V AWM design for best electrical performance near machines and panels
- 35 million flex cycles for continuous motion and robotic applications with durable TPE jacket and stranded conductors
- Oil Resistance II [167 °F (75 °C)] and Sunlight Resistance II (720 hours)
- Rugged industrial design with high abrasion resistance, weld spatter resistance, and pull tension up to 40 lbs.
- Suitable for cable tray installations
- Complies with Low Voltage EU Directive 2014/35/EU, CE approved, RoHS EU Directive 2011/65/EU, PoE 802.3 (Type 1, 2, 3, and 4), ANSI/TIA-568.2-D, ISO/IEC 11801-1, UL 444
- SF/UTP options available in 2-pair and 4-pair, provide superior protection against electromagnetic noise with foil and braid shielding, Transfer Impedance Grade 2 and Coupling Attenuation Type II

ZONE C CABLES

DESCRIPTION	PHYSICAL CHARACTERISTICS					PERFORMANCE RATING											PART NO
	# of Pairs	AWG	Shielding	Jacket Material	Nominal Diameter	Conductor	Flame Rating	Oil Resistance*	UV/Sunlight Resistance^	Voltage Rating	Operating Temperature	Weld Spatter Resistant	Continuous High Flex Life (Trailing Chain Test)	Abrasion Resistance	Pull Tension ^	Automation Protocol Compliance	
CAT 6A STRANDED REELS																	
[A] C545	4	24	SF/UTP	TPE	0.322" (8.18 mm)	Stranded	CMR CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	35 million	75 cycles/1.5 lb	40 lbf (178 N)	ODVA EtherNet/IP™ CC-Link IE	11099210 (Teal) 11100618 (Black) 11100620 (Blue) 11100619 (Gray)
[B] C637	4	26	SF/UTP	TPE	0.290" (7.37 mm)	Stranded	CMR CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	35 million	75 cycles/1.5 lb	40 lbf (178 N)	ODVA EtherNet/IP CC-Link IE	11099211 (Teal) 11101963 (Black)
CAT 5E STRANDED REELS																	
[C] C538	2	24	U/UTP	TPE	0.240" (6.10 mm)	Stranded	CM CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	35 million	75 cycles/1.5 lb	40 lbf (178 N)	ODVA EtherNet/IP CC-Link IE	11099206 (Teal) 11102381 (Black)
[D] C539	4	24	U/UTP	TPE	0.250" (6.35 mm)	Stranded	CM CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	35 million	75 cycles/1.5 lb	40 lbf (178 N)	ODVA EtherNet/IP CC-Link IE	11099204 (Teal) 11101962 (Black)
[E] C541	2	24	SF/UTP	TPE	0.260" (6.60 mm)	Stranded	CM CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	35 million	75 cycles/1.5 lb	40 lbf (178 N)	ODVA EtherNet/IP CC-Link IE	11099202 (Teal) 11102380 (Black)
C542	4	24	SF/UTP	TPE	0.300" (7.62 mm)	Stranded	CMR CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	35 million	75 cycles/1.5 lb	40 lbf (178 N)	ODVA EtherNet/IP CC-Link IE	11099188 (Teal) 11101961 (Black) 11100607 (Red)
[F] C547^	2	22	SF/UTP	TPE	0.310" (7.87 mm)	Stranded	CM CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	35 million	75 cycles/1.5 lb	40 lbf (178 N)	PROFINET Type B and C	11099189 (Green)
[G] C826^	2	22	SF/UTP	TPE	0.310" (7.87 mm)	Stranded	CM CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	35 million	75 cycles/1.5 lb	40 lbf (178 N)	—	11100342 (Teal) 11102382 (Black)
C851^	2	22	SF/UTP	TPE	0.310" (7.87 mm)	Stranded	CM CMX Outdoor	II	II	600 V AWM	-40 to +176 °F (-40 to +80 °C)	Yes	35 million	75 cycles/1.5 lb	40 lbf (178 N)	ODVA EtherNet/IP CC-Link IE	11100661 (Teal)

* = I (60 °C), II (75 °C)

^ = I (300 hrs), II (720 hrs)

+ = Any tension above 25 lbf (110 N) requires a > 3 in (7.6 cm) bend radius.

‡ = Tray Rating: C547 and C826 are PLTC/ITC; C851 is PLTC.

ZONE C FIBER CABLE SELECTOR GUIDE

See Section B for fiber cable details and ordering information

		PHYSICAL CHARACTERISTICS			PERFORMANCE RATING						
		Construction	Jacket Material	Max Fibers	Flame Rating	Indoor/Outdoor Use	Oil Resistance*	UV/Sunlight Resistance^	Water Block/Resistance	Fungus Resistant	Operating Temperature
GIGALITE OM4 - OM4 or SMF	Premises Distribution Harsh Environment	Tight Buffer	PVDF	144	Plenum	Indoor/Outdoor	Yes	Yes	Yes	Yes	-40 to +167 °F (-40 to +75 °C)
	ADVENTUM™ Harsh Environment	Loose Tube (DryGel)	PVDF	432	Plenum	Indoor/Outdoor	Yes	Yes	Yes	Yes	-40 to +167 °F (-40 to +75 °C)

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