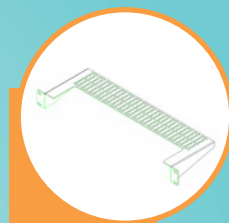


**TOTAL CABLE
SOLUTIONS**

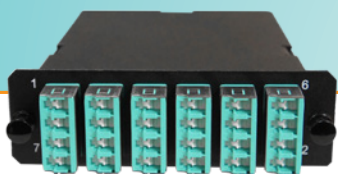
HDA/PANDUIT® COMPATIBLE SOLUTION



Optional Cable Lacing Shelf
PN: CBL-MGR-1U-SHELF
See back for more details.



HDA Bulkhead PN: FPP-04H-R1-14
19" Rackmount (Accommodates TCS HDA as well as Panduit FAP and FMP Adapter panels and cassettes)



HDA CASSETTES

- Low Insertion Loss: 0.5 dB
- Premium low-loss MTP® Elite Connectors
- Featuring **Internal Shutters** - helps prevent contaminants, extending life of fiber backbone and cassettes



WITH
INTERNAL SHUTTERS
Prevents contaminants,
extending the life of
your fiber backbone



TCS HDA ADAPTER PANELS

- Clear Numbering** — Number scheme screened on both sides
- Secure Fit** — TCS uses screws or spring lock technology to secure all adapters into our panels
- Large Inventory** — Large inventory of parts for any configuration

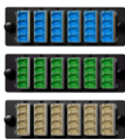
SPECIFICATIONS

- Insertion Loss (dB): 0.03 – 0.01(SM), 0.04 – 0.02mm • Operation Temperature: -40 – +85
- SC and LC Choice are one-piece adapters • All Single Mode - Zirconium Sleeves
- All Multimode - Phosphorous Bronze • RoHS compliance 2011/65/EU • Over 500 matings.
 - Meet GR-326-CORE • Flammability: UL94 V-0 Grade

PREMIUM LC



FPP-AD-L3QS-06-A



FPP-AD-LUQS-06-A

FPP-AD-LAQS-06-A

FPP-AD-L1QS-06-A

6 Quad
(24 Fiber)

MTP®



FPP-AD-M32-06-A



FPP-AD-MB2-06-A

6 Duplex
(12 Fiber)

HDA BLANK



HDA-BLANK

CHOICE LC



FPP-AD-L3Q-06-A



FPP-AD-LUQ-06-A

FPP-AD-LAQ-06-A

FPP-AD-L1Q-06-A

6 Quad
(24 Fiber)

CHOICE SC



FPP-AD-S32-06-A



FPP-AD-SU2-06-A

FPP-AD-SA2-06-A

FPP-AD-S12-06-A

6 Duplex
(12 Fiber)

HDA KEYSTONE PLATE



HDA-4-KEY(Empty)



FPP-AD-4BK-04-A(CAT6)

HDA CASSETTES

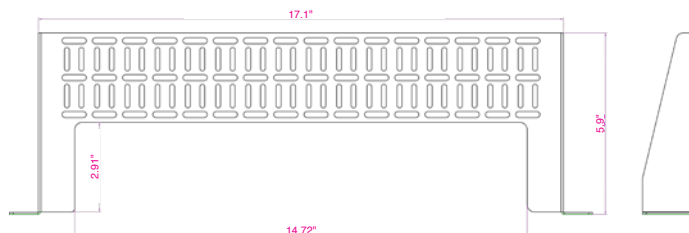
LC	8 X 3 MTP	12 X 2 MTP	24 MTP
	 FPP-CS-PM3L2-OM4-24-HDA	 FPP-CS-PM2L2-OM4-24-HDA	 FPP-CS-PM1L2-OM4-24-HDA
	 FPP-CS-PM3LU2-SM-24-HDA	 FPP-CS-PM2LU2-SM-24-HDA	 FPP-CS-PM1LU2-SM-24-HDA
	 FPP-CS-PM3LA2-SM-24-HDA	 FPP-CS-PM2LA2-SM-24-HDA	 FPP-CS-PM1LA2-SM-24-HDA
	 FPP-CS-PM3L2-OM1-24-HDA	 FPP-CS-PM2L2-OM1-24-HDA	 FPP-CS-PM1L2-OM1-24-HDA

DID YOU KNOW?



TCS CABLE LACING SHELF PN: CBL-MGR-1U-SHELF

The Total Cable Solutions Cable Lacing Shelf is designed to offer a supportive surface for cables when securing, routing, and organizing connection points to and from switches, patch panels, and other rackmount equipment. The 1U Cable Lacing Shelf can be placed above, below, behind, or in front of your network devices, freeing up space for other rack configuration needs. Manage cables easily with the help of the included hook-and-loop Cable Ties.



FEATURES

- Quality Cable Management - Sturdy and reliable construction
- Versatility - Features horizontal and vertical lacing slots to allow for dual routing options.
- Promotes High Bend Radius - The 6" depth limits kinking, extending the life of your fiber
- Lifetime Warranty
- EIA 310-D compliant

SPECIFICATIONS

Depth: 6"
Width: 19"
Height: 1.72"
Weight: 2.00 lbs
Material: 1.5mm/SPCC
Color/Finish: Black Powder Coat Finish

*MTP is a registered trademark of USConnet Lt

** Total Cable Solutions is not affiliated with Panduit® or any of its products or services.