LumaLink MPO Optical Trace Cable Assemblies

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LumaLink Optical Trace Cable Assemblies with high-density MPO connectors feature full illumination of the entire cable facilitate advanced cable management by providing 100% visual identification of start and endpoints, slack storage locations and routing

Features and Advantages

Cable illumination from origin to endpoint
Ensures visual identification of:
- Cable start and endpoint
- Slack storage locations
- Routing within rack frame and cable tray
- Routing within installation/data center

Magnetic power connection for illumination function. Two on each end of the cable assembly
Provides full-length cable illumination. Capable of 360˚ rotation. Offers easy self-latching attachment

MPO Connector
Precision-molded NTT-compatible ferrule connects 12F optical cable
Push-pull connector housing provides quick and reliable connections
Multiple ribbons stacked inside round jacket provides low-profile solution for high-density applications

FlexiBend Boot
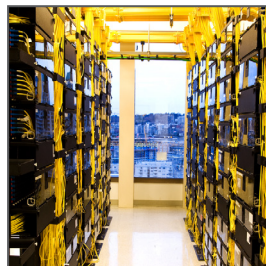Allows field grooming of bend radius. Enables change of direction for better cable management

Applications

Data Centers
- Servers
- Storage
- Switching
- Routers

Telecommunications/Networking
- System Integrators

Servers

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Specifications

REFERENCE INFORMATION

Packaging: Bag
Mates With: MTP/MPO connector to MTP/MPO
Use With: Cable configurations with
    MPO/MTP optical interconnects
Designed In: Millimeters
RoHS: Yes
Halogen Free: No

PHYSICAL

Housing Material: Polymer
Housing Colors: Aqua, Green or Black,
    Others Upon Request
Ferrule: MT
Operating Temperature: -10 to +60°C

OPTICAL

MTP/MPO: 10 to 20N
Durability (min.): 50 cycles — Per Telcordia GR-1435
Insertion Loss (IL) (max.):
    Multimode Fibers — 0.75dB
    Singlemode Fibers — 1.0dB
Return Loss:
    Multimode — -20dB
    Singlemode — -20dB

www.molex.com/link/lumalink.html