

Xpress Fiber Management® High Density (XFM®-HD) Trunk Cable Assemblies



XFM-HD trunk cable assemblies consist of sub-unitized MicroCore® fiber optic cable in fiber counts ranging from 12-144. This reduced diameter, high performance cable is comprised of multiple 12-fiber sub-unit tubes, each containing twelve 250 µm colored fibers enclosed by a high performance PVC jacket. The reduced diameter offers the installer many advantages over traditional tight-buffered cable options – higher tolerance to bends during and after installation; requires less space in cable trays, raceways, ducts and conduits; and enables more efficient airflow in congested, high density cabling applications.

Trunk cables are available in a variety of configurations to align with customer needs. High-precision MPO ferrules ensure that optical performance specifications are met without requiring components to be paired, offering customers the utmost in flexibility when consuming inventory or ordering new product. No transition is required on MPO-terminated trunk cables due to cable design. An epoxy-filled, reduced OD transition piece is standard on trunk cables terminated with single-fiber connectors. MPO-terminated trunk cable ends have a single, predefined breakout length, regardless of fiber count, which functions in perfect harmony with any XFM-HD patch panel, eliminating guesswork and virtually guaranteeing a clean and well-organized installation.

Features

- Self contained fiber management
- Low loss MPO connectors
- Uniboot LC assemblies with field-reversible polarity
- Reduced O.D. MicroCore Trunk cable assemblies with enhanced pulling eye option
- Unsurpassed port density

Specifications

| CONNECTOR | CONNECTOR ORDERING CODE | CONNECTOR HOUSING COLOR | BOOT COLOR | FIBER TYPE | CABLE JACKET COLOR | FLAME RATING | IL (TYPICAL dB)*** | RL (TYPICAL dB)*** |
|---------------------------------|-------------------------|-------------------------|------------|----------------------------|--------------------|--------------|--------------------|--------------------|
| LC/UPC | UDL | Blue | White | Single-mode G.657.A1 (BIF) | Yellow | Plenum | 0.15 | -60 |
| LC/PC | PDL | Beige | White | 50 µm OM3, OM4 | Aqua | Plenum | 0.15 | -35 |
| Angled MTP (unpinned) | ATF | Green | Black | Single-mode G.657.A1 (BIF) | Yellow | Plenum | 0.35 | -65 |
| Angled MTP (pinned) | ATM | Green | Black | Single-mode G.657.A1 (BIF) | Yellow | Plenum | 0.35 | -65 |
| Angled MTP (unpinned), Low Loss | ETF | Green | Black | Single-mode G.657.A1 (BIF) | Yellow | Plenum | 0.15 | -65 |
| Angled MTP (pinned), Low Loss | ETM | Green | Black | Single-mode G.657.A1 (BIF) | Yellow | Plenum | 0.15 | -65 |
| MTP (unpinned), Low Loss | FTF | Aqua | Black | 50 µm OM3, OM4 | Aqua | Plenum | 0.15 | -30 |
| MTP (pinned), Low Loss | FTM | Aqua | Black | 50 µm OM3, OM4 | Aqua | Plenum | 0.15 | -30 |

NOTES: Typical values based on equal quality connectors

Continued

Xpress Fiber Management® High Density (XFM®-HD) Trunk Cable Assemblies (cont.)

Ordering Information

XFM-HD MTP Trunks

| CONNECTOR | FIBER COUNT | APC SM | APC SM - ELITE | PC MM 50 μm OM3 | PC MM 50 μm OM4 |
|-------------------------------|-------------|----------------|----------------|-----------------|-----------------|
| MTP (No Pins) - MTP (No Pins) | 12 | XFM000057-XXXX | XFM000071-XXXX | XFM000085-XXXX | XFM000099-XXXX |
| | 24 | XFM000058-XXXX | XFM000072-XXXX | XFM000086-XXXX | XFM000100-XXXX |
| | 48 | XFM000060-XXXX | XFM000074-XXXX | XFM000088-XXXX | XFM000102-XXXX |
| | 72 | XFM000061-XXXX | XFM000075-XXXX | XFM000089-XXXX | XFM000103-XXXX |
| | 96 | XFM000062-XXXX | XFM000076-XXXX | XFM000090-XXXX | XFM000104-XXXX |
| | 144 | XFM000063-XXXX | XFM000077-XXXX | XFM000091-XXXX | XFM000105-XXXX |

XXXX = length in meters and XXXXFT = length in feet

XFM-HD MTP Extender Trunks

| CONNECTOR | FIBER COUNT | APC SM | APC SM - ELITE | PC MM 50 μm OM3 | PC MM 50 μm OM4 |
|----------------------------|-------------|----------------|----------------|-----------------|-----------------|
| MTP (No Pins) - MTP (Pins) | 12 | XFM000064-XXXX | XFM000078-XXXX | XFM000092-XXXX | XFM000106-XXXX |
| | 24 | XFM000065-XXXX | XFM000079-XXXX | XFM000093-XXXX | XFM000107-XXXX |
| | 48 | XFM000067-XXXX | XFM000081-XXXX | XFM000095-XXXX | XFM000109-XXXX |
| | 72 | XFM000068-XXXX | XFM000082-XXXX | XFM000096-XXXX | XFM000110-XXXX |
| | 96 | XFM000069-XXXX | XFM000083-XXXX | XFM000097-XXXX | XFM000111-XXXX |
| | 144 | XFM000070-XXXX | XFM000084-XXXX | XFM000098-XXXX | XFM000112-XXXX |

XXXX = length in meters and XXXXFT = length in feet
 XXXX = length in meters and XXXXFT = length in feet