

MTP/MPO Trunk Cable Assemblies

Fiber Connections is one of the industry leaders when it comes to MTP/MPO technology. Our R & D staff has developed proprietary termination and polishing techniques that have allowed us to exceed many of the industry standards for these products. We stock many of the common cable and connector configurations which allows us to build and ship your orders quickly. We also excel at customizing these products to suit your specific application. Please contact the sales department for more information.

KEY FEATURES

- RELIABLE FACTORY TERMINATED AND TESTED CONNECTORS
- 100% END FACE GEOMETRY TESTING IS AVAILABLE UPON REQUEST
- INDUSTRY LEADING SUPER LOW INSERTION LOSS VALUES
- CUSTOM CONFIGURATIONS AVAILABLE UPON REQUEST
- COMPATIBLE WITH OTHER MPO CONNECTOR BRANDS
- MANUFACTURED IN NORTH AMERICA FOR QUICK TURN AROUND

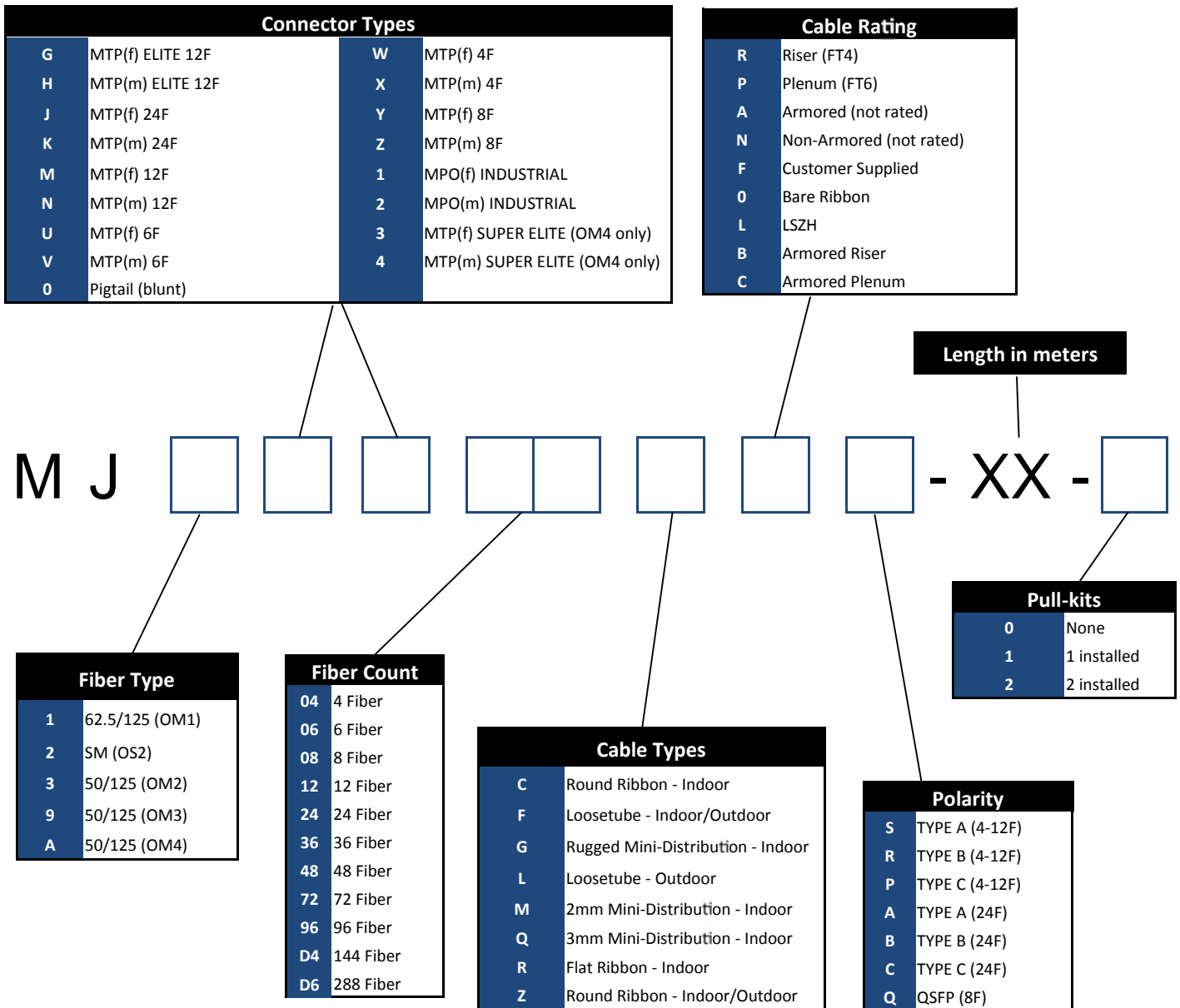


Typical Interconnections

- DATA CENTER APPLICATIONS
- BACKBONE INSTALLATIONS
- HORIZONTAL ZONE CABLING
- HIGH DENSITY CROSS CONNECTS
- DISASTER RECOVERY PROJECTS
- 40G, 100G, QSFP APPLICATIONS



Ordering Information



Please contact customer service for additional information.

Custom configurations available upon request.

All specifications are subject to change



Specifications

Fiber Performance

Fiber Type	Multimode				Singlemode
	OM1 62.5/125um (850/1300nm)	OM2 50/125um (850/1300nm)	OM3 50/125um (850/1300nm)	OM4 50/125um (850/1300nm)	OS2 8/125um (1310/1550nm)
Attenuation, Max (dB/km)	3.4/1.0	3.0/1.0	3.0/1.0	3.0/1.0	0.4/0.3
Minimum Overfilled Launch (OFL) Bandwidth (Mhz.km)	200/500	700/500	1500/500	1500/500	na
Minimum Effective Modal Bandwidth (Mhz.km)	220/-	950/-	2000/-	5350/-	na
Serial 1 Gigabit Ethernet Distance (M)	300/550	750/600	1000/600	1000/600	5000/-
Serial 10 Gigabit Ethernet Distance (M)	33/-	150/-	300/-	600/-	10000/40000

Connector Performance

Fiber Type	Multimode	Singlemode
Connector Insertion Loss	Standard MTPs: 0.2dB Typical, 0.5dB Maximum Elite MTPs: 0.17dB Typical, 0.35dB Maximum Super Low Loss Elite: 0.1dB Typ, 0.2dB Max (OM4 only)	Std MTPs: 0.25 dB Typical, 0.5dB Maximum Elite MTPs: 0.17dB Typical, 0.35dB Maximum
Connector Return Loss	>20dB	>55dB

Assembly Performance

Fiber Type	Multimode	Singlemode
Operating Temperature	With Outdoor Cable configurations: -40 to +70C With Indoor Cable configurations: 0 to +70C	
Cable Length	Length as defined in Part Number, XXX meters Tolerance: <0.5m: +5/-0cm, 0.5 to 1.5m: +10/-0cm, >1.5m: +30/-0cm Loose tube cables include a transition at one or both ends that is included in the overall length	

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