

## 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

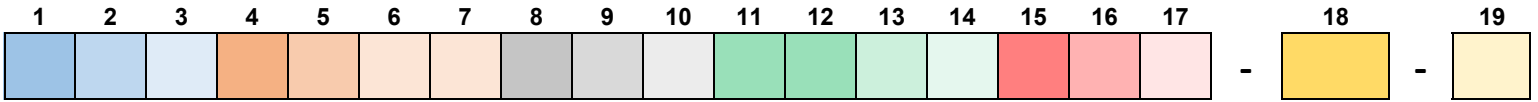
- RELIABLE FACTORY TERMINATED AND TESTED CONNECTORS
- 100% END FACE GEOMETRY TESTING IS AVAILABLE UPON REQUEST
- INDUSTRY LEADING SUPER LOW INSERTION LOSS VALUES
- CUSTOM CONFIGURATIONS AVAILABLE UPON REQUEST
- COMPATIBLE WITH OTHER MPO CONNECTOR BRANDS
- MANUFACTURED IN NORTH AMERICA FOR QUICK TURN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

## Typical Interconnections

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



# Ordering Information



<b>1</b>	<b>Assembly Type</b>
C	Cable Assembly (Corning)
D	Cable Assembly (Non-Corning)
<b>2</b>	<b>Fiber Type</b>
1	OM1
2	OS2
3	OM2
9	OM3
A	OM4
<b>3</b>	<b>Fiber Count</b>
6	6F
8	8F
A	12F
B	16F
C	18F
D	24F
E	32F
F	36F
H	48F
J	60F
K	72F
L	96F
M	144F
P	216F
V	288F
<b>4</b>	<b>Cable Rating</b>
A	Riser (In/Outdoor)
B	Plenum (In/Outdoor)
C	LSZH (In/Outdoor)
D	Riser Armored
E	Plenum Armored
F	LSZH Armored
G	No Jacket
H	Riser Armored (In/Outdoor)
J	LSZH Armored (In/Outdoor)
K	Not Rated (OSP) Armored
L	LSZH
N	Not Rated (OSP)
P	Plenum
R	Riser
S	Plenum Armored (In/Outdoor)

<b>5</b>	<b>Cable Type</b>
H	2mm Mini-Dist (Max 12F)
J	Dual jacket Mini-Dist w/3mm subs
P	SST
Q	Ribbon
S	Loose-tube Figure 8
U	Dual Jacket Mini-Dist w/2mm subs
V	3mm Mini-Dist Interconnect Max 24F
W	Loose-tube
<b>6,7</b>	<b>Connector End 1</b>
00	PIGTAIL
F8	MTP(F) Base 8 Pro
FB	MTP(F) 24F
FD	MTP(F) Base 8
FJ	MTP(F) 24F IND
FM	MTP(F) 12F
FN	MTP(F) 12F IND
FP	MTP(F) 12F Pro
M8	MTP(M) Base 8 Pro
MB	MTP(M) 24F
MD	MTP(M) Base 8
MJ	MTP(M) 24F IND
MM	MTP(M) 12F
MN	MTP(M) 12F IND
MP	MTP(M) 12F Pro

<b>8</b>	<b>Fanout Length End 1</b>
A	25cm
B	50cm
C	100cm
D	150cm
E	200cm
F	300cm
N	NA
<b>9</b>	<b>Fanout Type End 1</b>
2	2mm
3	3mm
B	3.8mm
R	Flat/Oval (MTP)
N	NA
	<b>Fanout Geometry End 1</b>
<b>10</b>	<b>0</b> No Stagger
1	Stagger 1
2	Stagger 2
3	Stagger 3
4	Stagger 4
N	NA
	<b>Connector End 2</b>
<b>11,12</b>	<b>00</b> PIGTAIL
F8	MTP(F) Base 8 Pro
FB	MTP(F) 24F
FD	MTP(F) Base 8
FJ	MTP(F) 24F IND
FM	MTP(F) 12F
FN	MTP(F) 12F IND
FP	MTP(F) 12F Pro
M8	MTP(M) Base 8 Pro
MB	MTP(M) 24F
MD	MTP(M) Base 8
MJ	MTP(M) 24F IND
MM	MTP(M) 12F
MN	MTP(M) 12F IND
MP	MTP(M) 12F Pro

<b>13</b>	<b>Fanout Length End 2</b>
A	25cm
B	50cm
C	100cm
D	150cm
E	200cm
F	300cm
N	NA
<b>14</b>	<b>Fanout Type End 2</b>
2	2mm
3	3mm
A	2.5mm
B	3.8mm
R	Flat/Oval (MTP)
N	NA
	<b>Fanout Geometry End 2</b>
<b>15</b>	<b>0</b> No Stagger
1	Stagger 1
2	Stagger 2
3	Stagger 3
4	Stagger 4
N	NA
	<b>Connector Performance</b>
<b>16</b>	<b>E</b> EFG GRADE
L	LOW LOSS
S	STANDARD
	<b>Assembly Polarity</b>
<b>17</b>	<b>A</b> Type A
B	Type B
C	Type C
D	40G
	<b>Length (Meters)</b>
<b>18</b>	
	<b>Pull Kits</b>
<b>19</b>	<b>0</b> No PK
1	PK End B
2	PK Both Ends



## 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	

Please contact customer service for additional information.

Custom configurations available upon request.

All specifications are subject to change