

Trunk Cable Assemblies

Fiber Connections Inc. offers multi-fiber cable assemblies that can be built with a wide variety of cable designs and connector styles. We are proud to offer many standard cable assembly configurations and can accommodate custom designs quickly and efficiently. Please contact the sales department for additional information.



KEY FEATURES

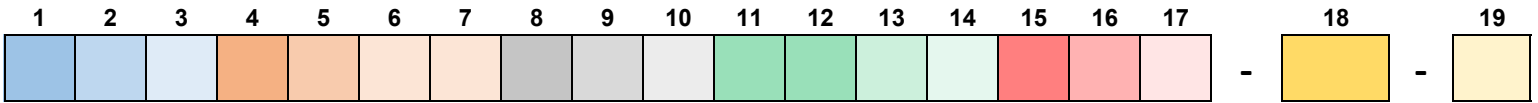
- RELIABLE FACTORY TERMINATED AND TESTED CONNECTORS
- 100% END FACE GEOMETRY TESTING IS AVAILABLE UPON REQUEST
- 100% TESTED AND INSPECTED PRIOR TO SHIPPING
- CUSTOM CONFIGURATIONS AVAILABLE UPON REQUEST
- MANUFACTURED IN NORTH AMERICA FOR QUICK TURN AROUND
- WIDE VARIETY OF CABLE AND CONNECTOR STYLES ARE AVAILABLE

Typical Interconnections

- DATA CENTER APPLICATIONS
- BACKBONE INSTALLATIONS
- INDUSTRIAL/MINING APPLICATIONS
- DIRECT BURIAL APPLICATIONS
- DISASTER RECOVERY PROJECTS
- FTTH, FTTA, FTTx



Ordering Information



1 Assembly Type	
C	Cable Assembly (Corning)
D	Cable Assembly (Non-Corning)
2 Fiber Type	
1	OM1
2	OS2
3	OM2
9	OM3
A	OM4
3 Fiber Count	
1	1
2	2
4	4
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
4 Cable Rating	
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)

5 Cable Type	
H	2mm Mini-Dist (Max 12F)
K	Tight Buffer Dist
L	Breakout (2mm subs)
M	Breakout (2.5mm subs)
N	Breakout (3mm subs)
J	Dual jacket Mini-Dist w/3mm subs
P	SST
Q	Ribbon
R	Tactical
S	Loose-tube Figure 8
U	Dual Jacket Mini-Dist w/2mm subs
V	3mm Mini-Dist Interconnect Max 24F
W	Loose-tube
6,7 Connector End 1	
00	PIGTAIL
FA	FC/APC
FC	FC
LA	LC/APC SX
LC	LC SX
LD	LC DX
LM	LC-MINI DX
LN	LC ODVA
LU	LC UNIBOOT
LZ	LC/APC DX
RJ	MTRJ(F)
RM	MTRJ(M)
SA	SC/APC SX
SC	SC SX
SD	SC DX
ST	ST
SZ	SC/APC DX

8 Fanout Length End 1	
A	25cm
B	50cm
C	100cm
D	150cm
E	200cm
F	300cm
N	NA
9 Fanout Type End 1	
2	2mm
3	3mm
9	900um
A	2.5mm
N	NA
10 Fanout Geometry End 1	
0	No Stagger
1	Stagger 1
2	Stagger 2
3	Stagger 3
4	Stagger 4
N	NA
11,12 Connector End 2	
00	PIGTAIL
FA	FC/APC
FC	FC
LA	LC/APC SX
LC	LC SX
LD	LC DX
LM	LC-MINI DX
LN	LC ODVA
LU	LC UNIBOOT
LZ	LC/APC DX
RJ	MTRJ(F)
RM	MTRJ(M)
SA	SC/APC SX
SC	SC SX
SD	SC DX
ST	ST
SZ	SC/APC DX

13 Fanout Length End 2	
A	25cm
B	50cm
C	100cm
D	150cm
E	200cm
F	300cm
N	NA
14 Fanout Type End 2	
2	2mm
3	3mm
9	900um
A	2.5mm
N	NA
15 Fanout Geometry End 2	
0	No Stagger
1	Stagger 1
2	Stagger 2
3	Stagger 3
4	Stagger 4
N	NA
16 Connector Performance	
E	EFG GRADE
L	LOW LOSS
S	STANDARD
Assembly Polarity	
F	Standard
G	Reversed
18 Length (Meters)	
19 Pull Kits	
0	No PK
1	PK End B
2	PK Both Ends

Specifications - Transmission Performance

Fiber Type	Multimode				Single-mode
	62.5/125µm (850/1300nm)	50/125µm (850/1300nm)	50/125µm (850/1300nm)	50/125µm (850/1300nm)	Single-mode (1310/1383/1550nm)
ISO/IEC name	OM1	OM2	OM3	OM4	OS2
Maximum Attenuation (dB/km)	3.4/1.0	3.0/1.0	3.0/1.0	3.0/1.0	0.4/0.4/0.3*
Maximum Attenuation (dB/km)	3.4/1.0	3.0/1.0	3.0/1.0	3.0/1.0	0.65/0.65/0.5**
Minimum Over Filled Launch (OFL) Bandwidth (MHz*km)	200/500	700/500	1500/500	1500/500	- / - / -
Minimum Effective Modal Bandwidth (MHz*km)	220 / -	950 / -	2000 / -	5350 / -	- / - / -
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
* including ALTOS [®] , SST-Drop [™] , SOLO [®] , SST-Ribbon [™] , Industrial LSZH [™] , Mining and Petrochemical, FREEDM [®] LST [™] FREEDM [®] Loose Tube, FREEDM [®] Ribbon, MIC [®] 250, Ribbon, LSZH [™] Ribbon (Registered trademarks of Corning Cable Systems LLC)					
** including Tactical, FREEDM [®] Fan-Out, FREEDM [®] ONE, MIC [®] various, Fan-Out, Single-Fiber, Zipcord 2-Fiber, Ribbon Interconnect					
Other cable types and manufacturers also available.					
Please contact customer service for additional information.					

Specifications - Connector Performance

Multimode	62.5/125 µm and 50/125µm @ 850nm						
	Insertion Loss (dB)		Reflectance (dB)		Durability	Ferrule Material	Housing Material
Connector	Typical	Max			< 0.2dB		
FCpc	0.2	0.4			< 0.2dB	Ceramic	Metal Alloy
LC	0.2	0.4			< 0.2dB	Ceramic	Composite
LC Duplex	0.2	0.4			< 0.2dB	Ceramic	Composite
MTRJ	0.3	0.4			< 0.2dB	Ceramic	Composite
SCpc	0.2	0.4			< 0.2dB	Ceramic	Composite
STpc polybody	0.2	0.4			< 0.2dB	Ceramic	Composite
STpc metal	0.2	0.4			< 0.2dB	Ceramic	Metal Alloy
Single-mode	@ 1310nm						
Connector	Insertion Loss (dB)		Reflectance (dB)		Durability	Ferrule Material	Housing Material
	Typical	Max	Typical	Max			
FCupc	0.2	0.4	≤ -59	≤ -55	< 0.2dB	Ceramic	Metal Alloy
FCapc	0.2	0.4	≤ -68	≤ -65	< 0.2dB	Ceramic	Metal Alloy
LC	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Composite
LC Duplex	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Composite
MTRJ	0.3	0.4	≤ -53	≤ -40	< 0.2dB	Composite	Composite
SCupc Duplex	0.2	0.4	≤ -59	≤ -55	< 0.2dB	Ceramic	Composite
SCupc	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Composite
SCapc	0.2	0.4	≤ -68	≤ -65	< 0.2dB	Ceramic	Composite
STupc polybody	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Composite
STupc metal	0.2	0.4	≤ -58	≤ -55	< 0.2dB	Ceramic	Metal Alloy
<i>Durability - insertion loss change for 500 reconnections.</i>							