



## Specifications: Standard Fiber Optic Jumper Assemblies, Multimode

Part numbers designate connector type, fiber type, and length.

Standard fiber jumper assemblies are simplex or duplex.

- Simplex assemblies are manufactured using 3mm simplex jacketed fiber, PVC or Plenum.
- Duplex assemblies are manufactured using 3mm Zipcord, PVC or Plenum.
- MTRJ fiber assemblies are manufactured using 3mm duplex round, PVC or Plenum
- MTP/MPO-MTP/MPO jumper are manufactured using ribbon jacketed Plenum.

### Connector Specifications:

Type	Ferrule Material	Body Material	Options	I/L (Db)@ 850/1300
FC	Ceramic	Metal		≤.4
LC	Ceramic	Metal/Plastic	Removable Duplex Clip	≤.4
SC	Ceramic	Metal/Plastic	Removable Duplex Clip	≤.4
MU	Ceramic	Metal/Plastic	Removable Duplex Clip	≤.4
ST	Ceramic	Metal/Plastic		≤.4
ESCON	Ceramic	Metal/Plastic		≤.4
MTRJ	Thermoplastic	Plastic	With or without alignment pins	≤.5
MTP/MPO	Thermoplastic	Plastic	With or without alignment pins	≤.75

### Fiber Specifications:

	62.5/125 um OM1 (0.1 Gig) 850/1300	50/125 um OM2 (1 Gig) 850/1300	50/125 um OM3 (10 Gig) 850/1300	50/125 um OM4 (40 or 100 Gig.) 850/1300
Gigabit Ethernet Distance (m)	300/550	750/600	1000/600	1100/600
10G Ethernet Distance (m)	33/300	150/300	300/300	550/300
40G Ethernet Distance (m) at 850 nm	-	-	100	150
100G Ethernet Distance (m) at 850 nm	-	-	100	150
Maximum Attenuation dB/km	3.4/1.0	2.8/1.0	2.8/1.0	2.8/1.0
Minimum Over-Filled Launch Bandwidth (MHz-km)	200/500	700/500	1500/500	3500/500
Minimum Effective Modal Bandwidth (MHz-km) at 850 nm	220	950	2000	4700

### Test Specifications:

- 100% tested
- Insertion loss per connector measured at 850 and 1300 nm.

### Cable Jacket Rating:

- PVC Riser, OFNR (ul)
- Plenum, OFNP (ul)

Rev: C

11/19/2013