



**Specifications:
Fiber Optic Jumper Assemblies, Singlemode**

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) @ 1310/1550	R/L(dB) @ 1310/1550
FC	Ceramic	Metal/Plastic		≤.30	≤-50
FCU (UPC) and Corning FC	Ceramic	Metal/Plastic		≤.25	≤-55
LC	Ceramic	Metal/Plastic	Removable Duplex Clip	≤.30	≤-50
LCU (UPC) and Corning LC	Ceramic	Metal/Plastic	Removable Duplex Clip	≤.25	≤-55
SC	Ceramic	Metal/Plastic	Removable Duplex Clip	≤.30	≤-50
SCU (UPC) and Corning SC	Ceramic	Metal/Plastic	Removable Duplex Clip	≤.25	≤-55
ST	Ceramic	Metal/Plastic		≤.30	≤-50
STU (UPC) and Corning ST	Ceramic	Metal/Plastic		≤.25	≤-55
MU	Ceramic	Metal/Plastic		≤.30	≤-50
MUU (UPC)	Ceramic	Metal/Plastic		≤.25	≤-55
FCA (APC)	Ceramic	Metal/Plastic	Stepped Ferrule	≤.25	≤-65
SCA (APC)	Ceramic	Metal/Plastic	Stepped Ferrule	≤.25	≤-65
LC (APC)	Ceramic	Metal/Plastic	Simplex	≤.25	≤-65
MTRJ	Thermoplastic	Plastic	With or without alignment pins	≤.50	≤-45
MTP/MPO	Thermoplastic	Plastic	With or without alignment pins	≤.75	≤-55

Fiber Specifications:

	9/125uM Standard @ 1310/1550
Gigabit Ethernet Distance (m)	Far exceeds distance Requirements of Tia 568B.1-3
10 Gigabit Ethernet Distance (m)	Far exceeds distance Requirements of Tia 568B.1-3
Maximum Attenuation dB/km	0.5/0.5

Test Specifications:

100% tested
 Insertion loss per connector measured at 1310 and 1550 nm.
 Return loss per connector measured at 1310 and 1550 nm.

Cable Jacket Rating:
 PVC Riser, OFNR (ul)
 Plenum, OFNP (ul)

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