

Single Mode Jumper



Simplex – Duplex

OPJUFUCFCU09D0010RIX

Features

- The Optronics Single Mode Jumper construction is designed to support tough usage, high performance interconnections, easy installation, and saving time.
- IEEE 802.3u, IEC 60794, TIA/EIA-568.B.3 compliant.
- 9/125µm Single Mode that offers a great wide broadband .
- Telcordia GR-326 and IEEE 802.3u/802.3x/802.3z/802.3j standards tested.
- 9/125µm Single Mode Riser.
- 1.6mm, 2mm, and 3mm Simplex / Duplex.
- Fibers offers low insertion loss once joined to connector.
- Different type of terminations SC to ST, LC to FC, etc.
- Up to 32,81ft length (larger length custom cable available upon request).

CONNECTORS	FC	ST	SC	LC	MU
Fastening	Threaded coupling	Bayonet fitting	Push-pull	Plug-in	Push-pull
Body	Metallic	Metallic	Plastic	Plastic	Plastic
Ferrule	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic
Ferrule diameter	2.5mm	2.5mm	2.5mm	1.5mm	1.5mm
Polish	UPC/APC	UPC	UPC/APC	UPC	UPC
Ferrule tolerance	125.0± 1µm SM	125.0± 1µm SM	125.0± 1µm SM	125.0± 1µm SM	125.0± 1µm SM
Insertion loss	≤0.30 dB UPC ≤0.45 dB APC	≤0.30 dB UPC	≤0.30 dB UPC ≤0.45 dB APC	≤0.30 dB UPC	≤0.30 dB UPC
Return loss	≤0.45 dB PC ≤0.50 dB APC	≤0.45 dB PC	≤0.45 dB PC ≤0.50 dB APC	≤0.45 dB PC	≤0.45 dB PC
Temperature	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Durability	± 1db 500 Insertions	± 1db 500 Insertions	± 1db 500 Insertions	± 1db 500 Insertions	± 1db 500 Insertions
Boot color	Blue UPC Green APC	Yellow UPC	Blue UPC	White PC Green APC	Blue PC

SPECIFICATIONS

Norms and Standards	Telcordia GR-326, IEEE 802.3u/802.3x/802.3z/802.3j, IEC 60794, TIA/EIA-568.B.3				
Fiber Jacket	Color	Single mode: yellow			
	Diameter	3mm ± 0.05mm	2mm ± 0.05mm	1.6mm ± 0.05mm	
	Thickness	0.80mm ± 0.80mm	0.60mm ± 0.50mm	0.6mm ± 0.50mm	
	Temperature	-20°C up to 85°C			
Fiber optic	Core diameter	Fiber: 9/125µm		Value: ± 0.70mm	
	Cladding diameter	125.0 ± 2.0µm			
	Core concentricity	≤1.5µm			
	Cladding concentricity	≤1.0%			
	Wavelength	Single mode:	1310 nm	1550 nm	
	Maximum value	dB/Km	≤0.03	≤0.02	
	Recommended Light source	Single mode:	Laser		