

Multimode Jumper



Simplex – Duplex

OPJUSTPSTPYD0010RIX

The Optronics Multimode Jumper construction performs the reliability needed in today's data networks. The Optronics jumpers are designed to support tough usage, high performance interconnections, easy installation, and saving of time.

Features

- Different type of terminations SC to ST, LC to FC, etc.
- Up to 32,81ft length (larger length custom cable available upon request) NSI/TIA/EIA-568.B.3 compliant.
- 50/125µm, 62.5/125µm Multimode Riser.
- 1.6mm, 2mm, and 3mm Simplex / Duplex.
- IEEE 802.3u, IEC 60794, TIA/EIA-568.B.3 compliant.
- Fibers offers low insertion loss once joined to connector.
- Telcordia GR-326 tested, electric interference immune.
- Lab connectorized, each jumpers includes a quality certificate to state measuring standards.
- Temperature range -20°C up to +85°C.



CONNECTORS	FC	ST	SC	LC	MU	MTRJ
Fastening	Threaded coupling	Bayonet fitting	Push-pull	Plug-in	Push-pull	Plug-in
Body	Metallic	Metallic	Plastic	Plastic	Plastic	Plastic
Ferrule	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Plastic
Ferrule diameter	2.5mm	2.5mm	2.5mm	1.5mm	1.5mm	Plastic
Polish	PC	PC	PC	PC	PC	PC
Ferrule tolerance	126.0± 1µm	126.0± 1µm	126.0± 1µm	126.0± 1µm	126.0± 1µm	126.0± 1µm
Insertion loss	≤0.20 dB PC	≤0.20 dB PC	≤0.20 dB PC	≤0.20 dB PC	≤0.20 dB PC	≤0.20 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	-40°C to 85°C
Durability	± 1db 500 Insertions	± 1db 500 Insertions	± 1db 500 Insertions	± 1db 500 Insertions	± 1db 500 Insertions	± 1db 500 Insertions
Boot color	Black PC	Black PC	Beige PC	White PC	Black PC	Black 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	Multimode: orange		
	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: 50/125µm, 62.5/125µm	Value: ± 0.70mm	
	Cladding diameter	125.0 ± 2.0µm		
	Core concentricity	≤1.5µm		
	Cladding concentricity	≤1.0%		
	Wavelength	Multimode:	850 nm	1300 nm
	Maximum value	dB/Km	≤0.03	≤0.02
	Recommended Light source	Multimode:	LED or VCSEL	