

# Multimode 10G Jumper



## Simplex – Duplex OPJULCPSCP55D0010RIX

With the development of multimedia, there is a requirement for broader bandwidth for high definition audio and video applications. The Optronics Multimode 10G Jumpers provide 10 gigabit data transfer speeds in high bandwidth applications, up to 550 meters faster than standard fiber cables. The 10G Jumpers construction is also designed to support tough usage, high performance interconnections, easy installation, and saving time.

### Features

- The 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
Fastening	Threaded coupling	Bayonet fitting	Push-pull	Plug-in	
Body	Metallic	Metallic	Plastic	Plastic	
Ferrule	Ceramic	Ceramic	Ceramic	Ceramic	
Ferrule diameter	2.5mm	2.5mm	2.5mm	1.5mm	
Polish	PC	PC	PC	PC	
Ferrule tolerance	126.0±1µM MM	126.0±1µM MM	126.0±1µM MM	126.0±1µM MM	
Insertion loss	≤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	
Durability	± 1db 500 Insertions	± 1db 500 Insertions	± 1db 500 Insertions	± 1db 500 Insertions	
Boot color	Aqua 10G	Aqua 10G	Aqua 10G	Aqua 10G	
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 10G: Aqua			
	Diameter	2mm ± 0.05mm			
	Thickness	0.60mm ± 0.05mm			
	Temperature	-20°C up to 85°C			
Fiber optic	Core diameter	Fiber: 50/125µm	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: VCSEL			