

DRAW

Simplex 900um



Simplex 2mm



Duplex 2mm



DESCRIPTION

The FC connectors with high quality zirconia ferrules and non-optical disconnect performance. They are fully compatible with existing FC hardware.

FEATURES

- Small Size, High Precision,
- Zirconia 1.25mm ceramics ferrule
- Low Insertion Loss,
- High Return Loss,
- Single and duplex are Available
- Pull - proof

APPLICATIONS

- Telecom and Datecom Equipment
- LAN\WAN
- Device Terminals
- CATV Networks
- Active Device Termination

SPECIFICATIONS

Characteristics	Unit	Value/Performance					
		SM		MM			
		UPC	APC				
Basic							
Insertion Loss (IL)	dB	≤0.3					
Return Loss (RL)	dB	SPC≥45 UPC≥50	≥60	≥23			
Endurance	dB	ΔIL≤0.2					
Operating Temperature	°C	-20 ~ +70					
Storage Temperature	°C	-40 ~ +70					
Ferrule end-face geometry							
Radius of Curvature (R)	mm	7-25	5-12	NA			
Apex Offset	um	≤50			NA		
Fiber Protrusion	nm	≤50	≤100	NA			
Fiber Under Cut	nm	≤125@ R=7-10	≤100	NA			
Mechanical							
Drop	dB	ΔIL≤0.2					
Vibration	dB	ΔIL≤0.2					
Flex	dB	ΔIL≤0.2					
Twist	dB	ΔIL≤0.2					
Pull Proof	dB	ΔIL≤0.2					
Coupling strength	dB	ΔIL≤0.2					
Static Bending	dB	ΔIL≤0.2					
Crushing	dB	ΔIL≤0.2					
Environmental							
Cold	dB	ΔIL≤0.2					
Dry Heat	dB	ΔIL≤0.2					
Damp Heat	dB	ΔIL≤0.2					
Transmission							
Characteristics	Unit	G652 SM	G655 SM	Std. 50um	62.5um	OM2	OM3
Max. Attenuation	dB/km (nm)	0.4/0.3 (1310/1550)	0.3 (1550)	2.8 (850)	3.0 (850)	2.8 (850)	2.8 (850)
Min. Bandwidth	MHz•km (nm)	-	-	500/500 (850/1300)	200/200 (850/1300)	750 (850)	2000 (850)
Dispersion Coefficient	ps/ nm ² •km	≤3.0 (1310nm)	2.6-6.0 (1550nm)	-	-	-	-

ORDER INFORMATION

P/N	Description
CFO-0110	Fiber Optic Patch Cord FC-FC Single-Mode Duplex UPC 10mts.
CFO-0120	Fiber Optic Patch Cord FC-FC Single-Mode Duplex UPC 20mts.
CFO-0125	Fiber Optic Patch Cord FC-FC Single-Mode Duplex UPC 25mts.
CFO-0130	Fiber Optic Patch Cord FC-FC Single-Mode Duplex UPC 30mts.
CFO-0105	Fiber Optic Patch Cord FC-FC Single-Mode Duplex UPC 5mts.
CFO-0103	Fiber Optic Patch Cord FC-FC Single-Mode Simplex UPC 3mts.