

## DRAW

Simplex 900um



Simplex 2mm



Duplex 2mm



## DESCRIPTION

The SC connectors are fully compatible with existing SC hardware. Two simplex connectors can be configured into a duplex format by adding a duplex clip.

### FEATURES

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

### APPLICATIONS

- Telecom and Datacom Equipment
- LAN/WAN
- Device Terminals
- CATV Networks
- Active Device Termination

## SPECIFICATIONS

Characteristics	Unit	Value/Performance					
		SM		MM			
		UPC	APC				
<b>Basic</b>							
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					
<b>Ferrule end-face geometry</b>							
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			
<b>Mechanical</b>							
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					
<b>Environmental</b>							
Cold	dB	ΔIL≤0.2					
Dry Heat	dB	ΔIL≤0.2					
Damp Heat	dB	ΔIL≤0.2					
<b>Transmission</b>							
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 <sup>2</sup> •km	≤3.0 (1310nm)	2.6-6.0 (1550nm)	-	-	-	-

## ORDER INFORMATION

P/N	Description
CFO-7501	Fiber Optic Patch Cord SC-SC Multi-Mode Duplex UPC OM1 1mt.
CFO-7201	Fiber Optic Patch Cord SC-SC Multi-Mode Duplex UPC OM3 1mt.
CFO-7502	Fiber Optic Patch Cord SC-SC Multi-Mode Duplex UPC OM1 2mts.
CFO-7202	Fiber Optic Patch Cord SC-SC Multi-Mode Duplex UPC OM3 2mts.
CFO-7503	Fiber Optic Patch Cord SC-SC Multi-Mode Duplex UPC OM1 3mts.
CFO-7203	Fiber Optic Patch Cord SC-SC Multi-Mode Duplex UPC OM3 3mts.
CFO-7507	Fiber Optic Patch Cord SC-SC Multi-Mode Duplex UPC OM1 7mts.
CFO-7403	Fiber Optic Patch Cord SC-SC Multi-Mode Simplex UPC OM2 3mts.
CFO-7110	Fiber Optic Patch Cord SC-SC Single-Mode Duplex UPC 10mts.
CFO-7115	Fiber Optic Patch Cord SC-SC Single-Mode Duplex UPC 15mts.
CFO-7101	Fiber Optic Patch Cord SC-SC Single-Mode Duplex APC 1mt.
CFO-7120	Fiber Optic Patch Cord SC-SC Single-Mode Duplex UPC 20mts.
CFO-7102	Fiber Optic Patch Cord SC-SC Single-Mode Duplex UPC 2mts.
CFO-7130	Fiber Optic Patch Cord SC-SC Single-Mode Duplex UPC 30mts.
CFO-7103	Fiber Optic Patch Cord SC-SC Single-Mode Duplex UPC 3mts.
CFO-7113	Fiber Optic Patch Cord SC-SC Single-Mode Duplex APC 3mts.
CFO-7210	Fiber Optic Patch Cord SC-SC Single-Mode Simplex APC 10mts.
CFO-7005	Fiber Optic Patch Cord SC-SC Single-Mode Simplex APC 5mts.
CFO-7112	Fiber Optic Patch Cord SC/APC-SC/UPC Single-Mode Duplex 2mts.
CFO-7114	Fiber Optic Patch Cord SC/APC-SC/UPC Single-Mode Duplex 3mts.
CFO-7111	Fiber Optic Patch Cord SC/APC-SC/UPC Single-Mode Duplex 1mt.
CFO-7303	Fiber Optic Patch Cord SC-SC Single-Mode Simplex UPC 3mts.
CFO-7006	Fiber Optic Patch Cord SC-SC Single-Mode Simplex UPC 5mts.
CFO-7014	Fiber Optic Patch Cord SC/APC-SC/UPC Single-Mode Simplex 3mts.