

## DRAW

Simplex 900um



Simplex 2mm



Duplex 2mm



## DESCRIPTION

The ST connectors used in our patch cords employ half-twist bayonet locking mechanism and high quality 2.5mm zirconia ferrules. They are fully compatible with existing ST type hardware.

Other than standard single mode and multimode fibers, OM2, and OM3 fibers are also available upon request.

## FEATURES

- Small Size, High Precision,
- ST compatible bayonet coupling.
- Metal body and zirconia ferrule.
- Low insertion loss and high return loss
- Single and duplex are Available

## APPLICATIONS

- Local Area Networks
- Fast Ethernet
- Fiber Channel
- ATM Networks
- Instrumentation

## SPECIFICATIONS

Characteristics	Unit	Value/Performance				
		SM		MM		
		SPC	UPC			
<b>Basic</b>						
Insertion Loss (IL)	dB	≤0.3				
Return Loss (RL)	dB	≥45	≥50	≥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		NA		
Apex Offset	um	≤50		NA		
Fiber Protrusion	nm	≤50		NA		
Fiber Under Cut	nm	≤125 @R=7-10		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				
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	Std. 50um	62.5um	OM2	OM3
Max. Attenuation	dB/km (nm)	0.4/0.3 (1310/1550)	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)	-	-	-	-

## ORDER INFORMATION

	Description
CFO-9510	Fiber Optic Patch Cord ST-ST Multi-Mode Duplex UPC 10mts.
CFO-9503	Fiber Optic Patch Cord ST-ST Multi-Mode Duplex UPC OM1 3mts.
CFO-9403	Fiber Optic Patch Cord ST-ST Multi-Mode Duplex UPC OM2 3mts.
CFO-9203	Fiber Optic Patch Cord ST-ST Multi-Mode Duplex UPC OM3 3mts.
CFO-9505	Fiber Optic Patch Cord ST-ST Multi-Mode Duplex UPC OM1 5mts.
CFO-9103	Fiber Optic Patch Cord ST-ST Single-Mode Duplex UPC 3mts.