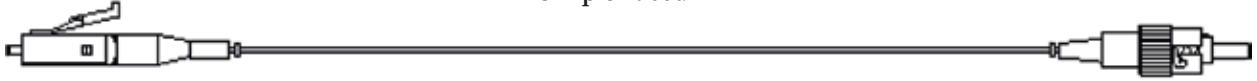


## DRAW

Simplex 900um



Simplex 2mm



Duplex 2mm



## DESCRIPTION

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

## FEATURES

- Small Size, High Precision
- LC Pull-proof
- 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

### ST

### LC

Characteristics	Unit	Value/Performance			Value/Performance		
		SM		MM	SM		MM
		SPC	UPC		UPC	APC	
<b>Basic</b>							
Insertion Loss (IL)	dB	≤0.3			≤0.3		
Return Loss (RL)	dB	≥45	≥50	≥23	SPC>45 UPC>50	≥60	≥23
Endurance	dB	ΔIL≤0.2			ΔIL≤0.2		
Operating Temperature	°C	-20 ~ +70			-20 ~ +70		
Storage Temperature	°C	-40 ~ +70			-40 ~ +70		
<b>Ferrule end-face geometry</b>							
Radius of Curvature (R)	mm	7-25		NA	7-25	5-12	NA
Apex Offset	um	≤50		NA	≤50		NA
Fiber Protrusion	nm	≤50		NA	≤50	≤100	NA
Fiber Under Cut	nm	≤125 @R=7-10		NA	≤125@ R=7-10	≤100	NA
<b>Mechanical</b>							
Drop	dB	ΔIL≤0.2			ΔIL≤0.2		
Vibration	dB	ΔIL≤0.2			ΔIL≤0.2		
Flex	dB	ΔIL≤0.2			ΔIL≤0.2		
Twist	dB	ΔIL≤0.2			ΔIL≤0.2		
Pull Proof	dB	ΔIL≤0.2			ΔIL≤0.2		
Static Bending	dB	ΔIL≤0.2			ΔIL≤0.2		
Crushing	dB	ΔIL≤0.2			ΔIL≤0.2		
<b>Environmental</b>							
Cold	dB	ΔIL≤0.2			ΔIL≤0.2		
Dry Heat	dB	ΔIL≤0.2			ΔIL≤0.2		
Damp Heat	dB	ΔIL≤0.2			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

P/N	Description
CFO-6202	Fiber Optic Patch Cord LC-ST Multi-Mode Duplex UPC OM3 2mts.