



SPECIFICATIONS OF FIBER OPTIC PATCH CORD

Description

Fiber Optic Patch Cord is the fiber optic cable capped at either end with adapted SC / FC / ST / LC connectors that can make the connection of CATV, WAN, LAN, MAN, optical switches or other telecom equipment.

With the strong thick layer for protection, the Fiber Optic Patch Cord is utilized to connect the optical receiver, transmitter, terminal boxexs and other related equipment and devices.

Features

- ◆ Low Insertion Loss
- ◆ High Return Loss
- ◆ Good Repeatability
- ◆ Stable in Interfix
- ◆ Easy and Quick Installation
- ◆ Low Concentricity

Availaibility

- ◆ All Specifications for FC/SC/ST/LC/E2000 etc.
- ◆ Simplex/Duplex Types
- ◆ Singlemode/Multimode Types
- ◆ PC/UPC/APC Polishing Types
- ◆ LSZH and PVC Coating Sheet
- ◆ Available Cable Size: 0.9mm/2.0mm/3.0mm
- ◆ Pigtails are available as customized
- ◆ Customized Length (Default Length: 3.0m)
- ◆ OEM and Customization accepted in large quantity

Picture



Specifications

Parameter	Unit	Fiber Optic Patch Cord		
		SM		MM
		UPC	APC	UPC
Insertion Loss	dB	≤ 0.2	≤ 0.3	≤ 0.2
Return Loss	dB	≥ 50	≥ 60	≥ 35
Exchangeability	dB	≤ 0.2		
Mechanical Endurance	dB	≤ 0.2		
Vibration	dB	≤ 0.2		
Operation Tempature	°C	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$		
Storage Temperature	°C	$-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$		

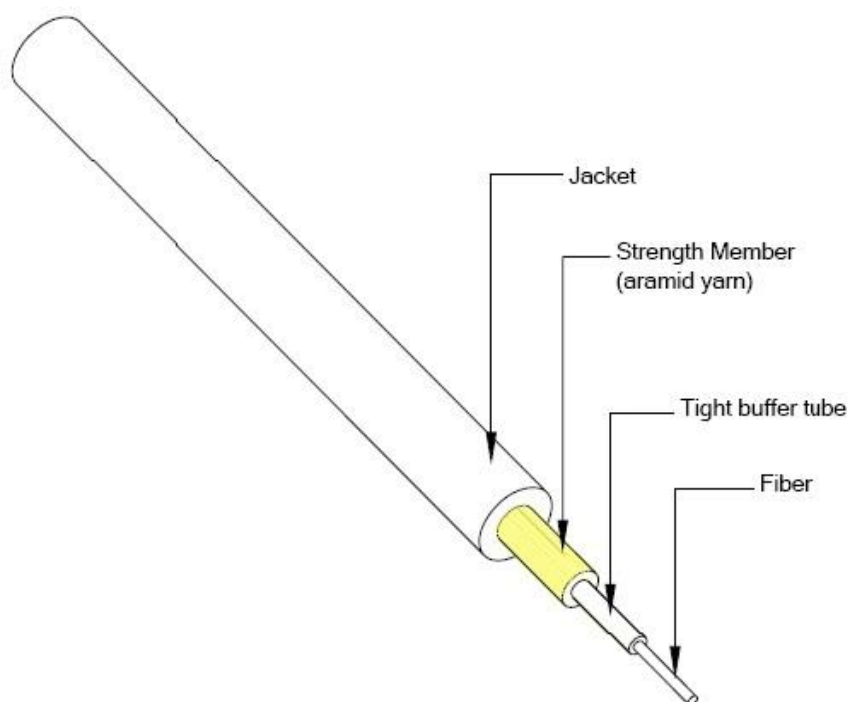


Figure 1 Cable Structure of Single Mode Fiber Patch Cord

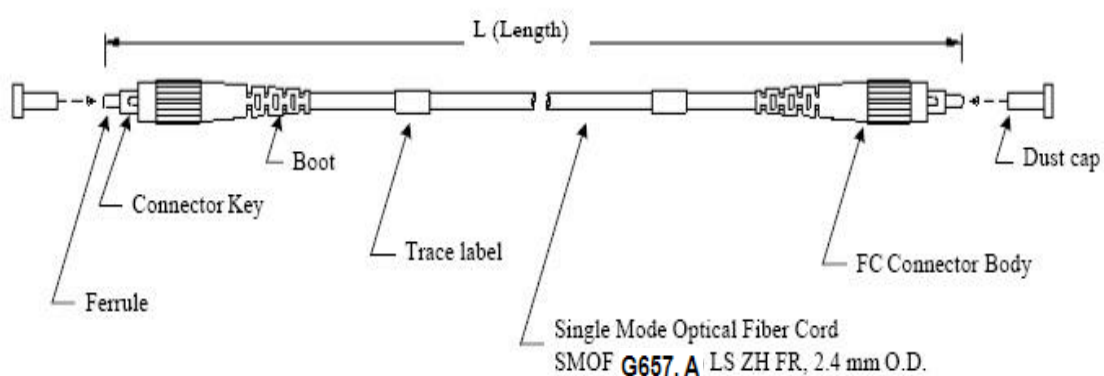


Figure 3 FC to FC Single Mode Fiber Patch Cord

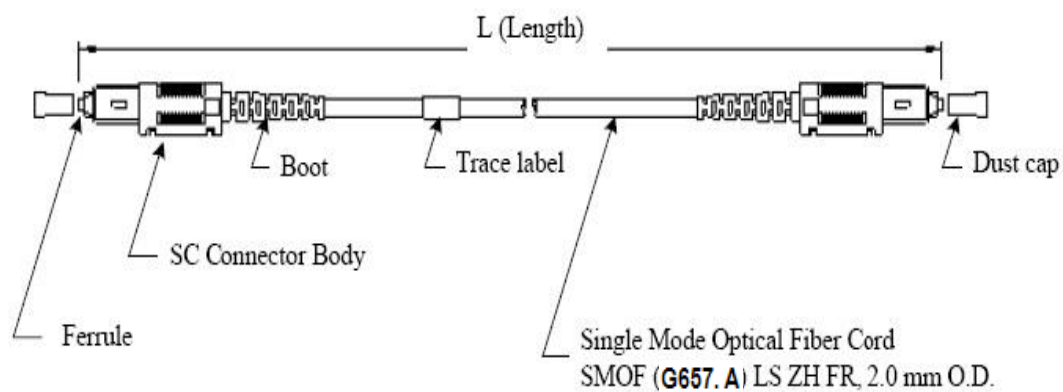


Figure 4 SC to SC Single Mode Fiber Patch Cord

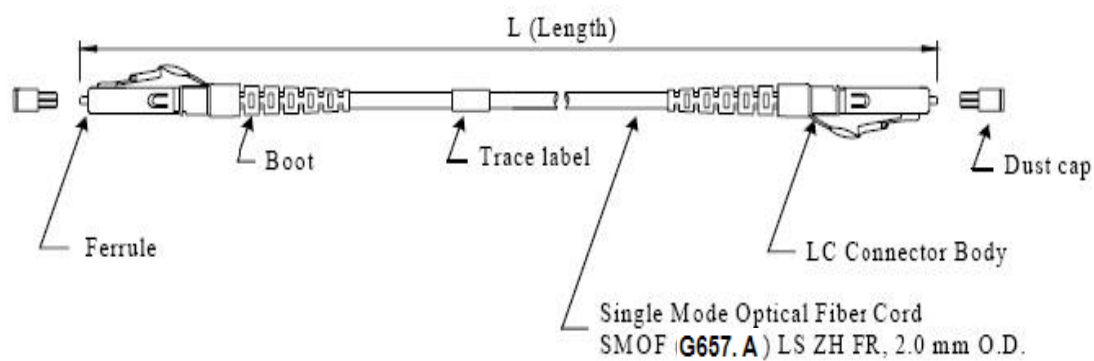


Figure 5 LC to LC Single Mode Fiber Patch Cord

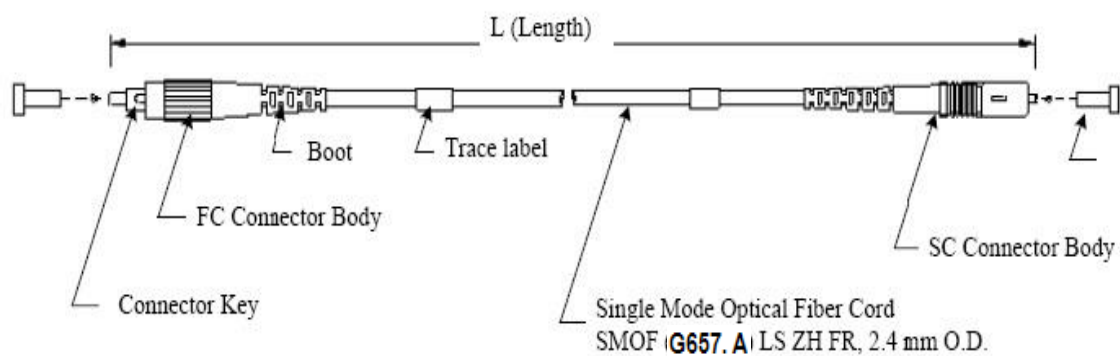


Figure 6 FC to SC Single Mode Fiber Patch Cord

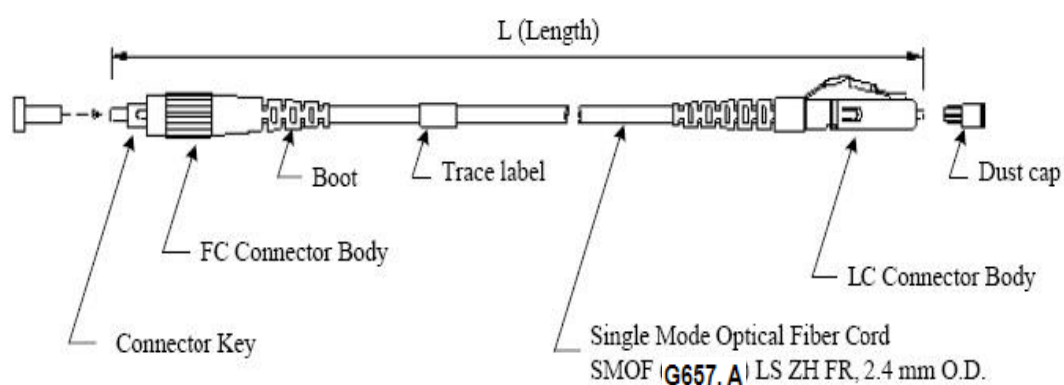


Figure 7 FC to LC Single Mode Fiber Patch Cord

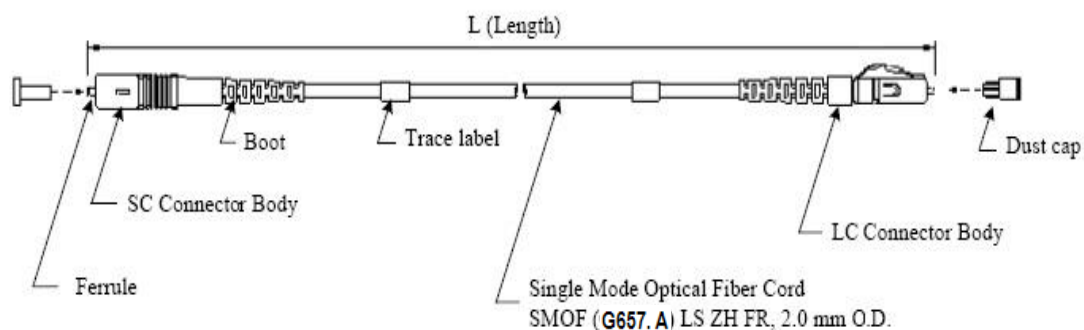


Figure 8 SC to LC Single Mode Fiber Patch Cord

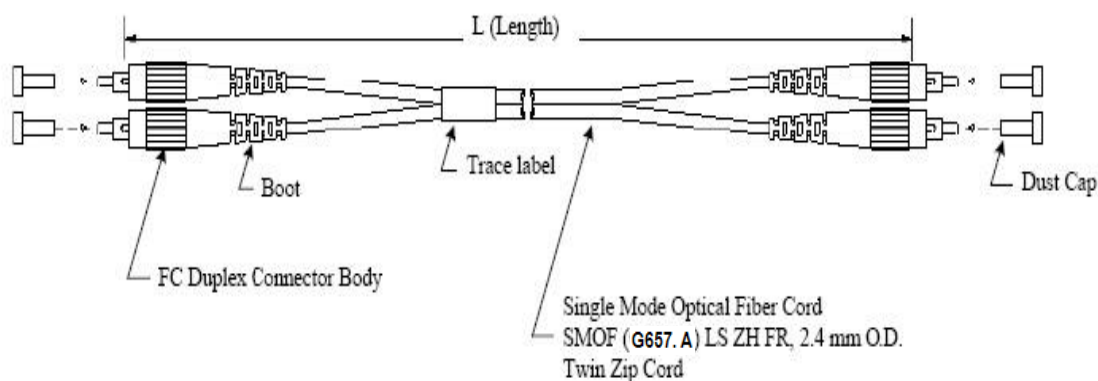


Figure 9 FC to FC Single Mode Fiber Patch Cord Duplex

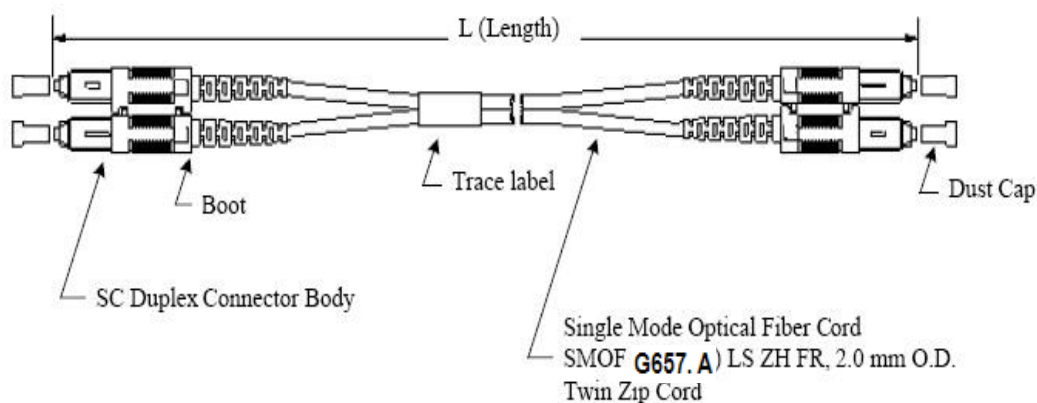


Figure 10 SC to SC Single Mode Fiber Patch Cord Duplex

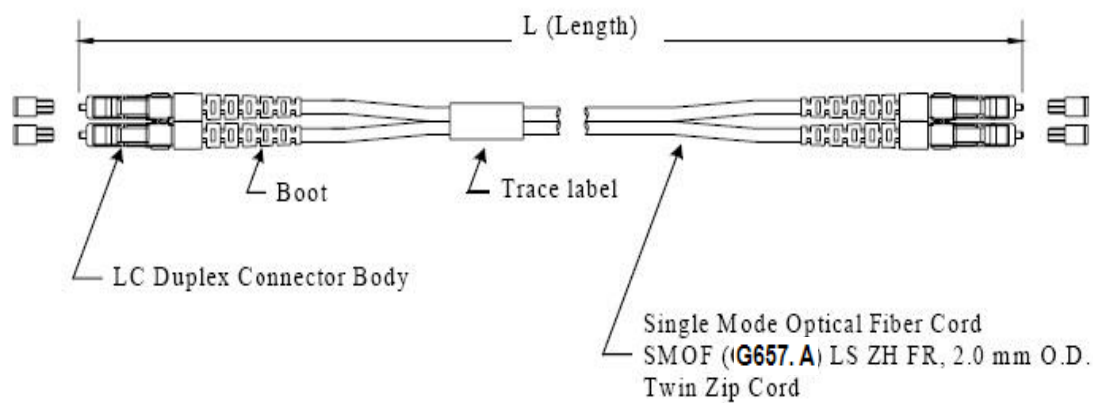


Figure 11 LC to LC Single Mode Fiber Patch Cord Duplex

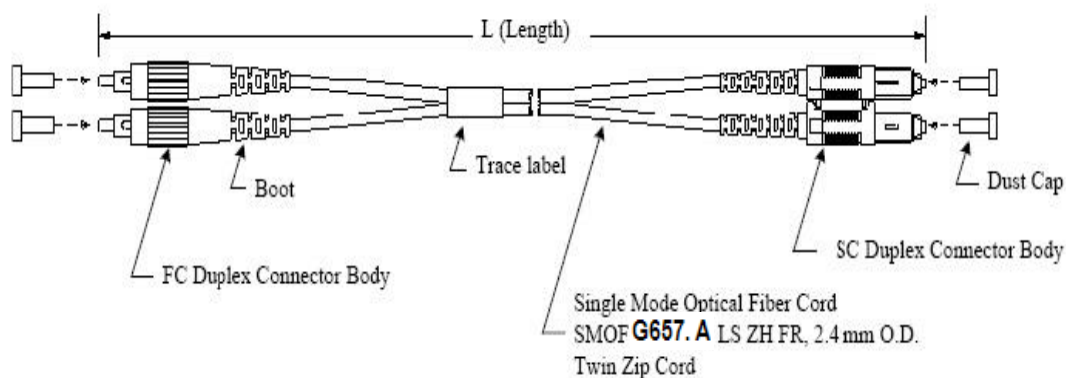


Figure 12 FC to SC Single Mode Fiber Patch Cord Duplex

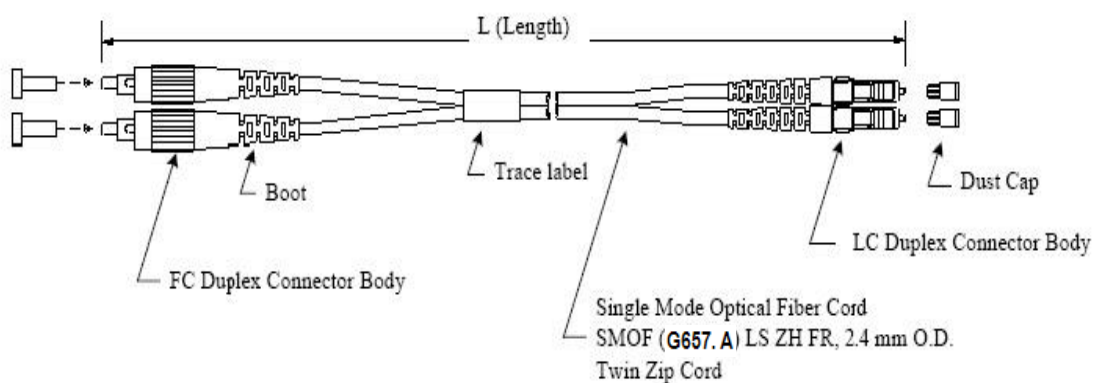


Figure 13 FC to LC Single Mode Fiber Patch Cord Duplex

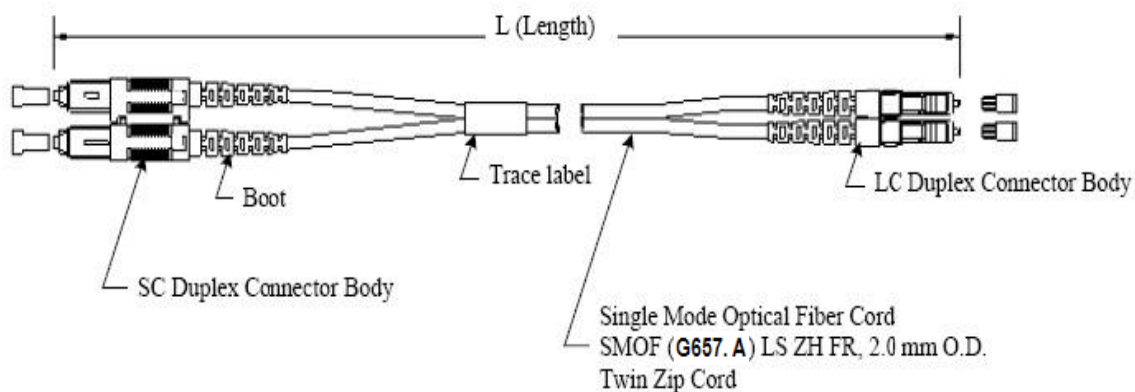


Figure 14 SC to LC Single Mode Fiber Patch Cord Duplex