

FIBER OPTIC COMPONENTS

**Features** **FC CONNECTOR**

- \* FC Simplex or Duplex
- \* ANSI 、 IEC 、 TIA/EIA 、 NTT and JIS standard compatible
- \* UL-rated plastic housing and boot in a variety of colors with 0.9mm, 2.0mm or 3.0mm
- \* Precision mechanical dimensions
- \* Zirconia ferrule PC or 8 degree APC diameter 125~128 um high concentricity
- \* Single mode, Multimode and Angle PC
- \* Multi-piece type or one-piece type is available
- \* All parts compliant with ROHS



**Application**

- Telecommunication
- CATV
- LAN & WAN
- Network
- Broadband
- FTTH

**Appearance & Dimension**

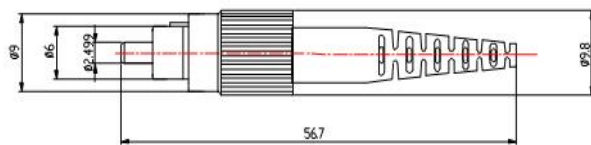


Figure 1: FC 2.0 or 3.0 Connector

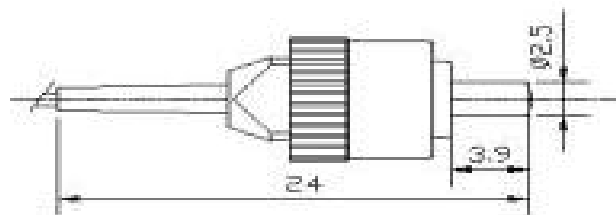


Figure 2 : FC 0.9 Connector

Item	Parameter	
Item	Single-Mode	Multi-Mode
Insertion Loss	≤0.3dB	
Durability (1000 Mating)	0.2dB Max	
Operating Temperature	40°C ~ +75°C	
Storage Temperature	40°C ~ +85°C	

Remark: Ferrule Concentricity SM < 1um; MM < 1.4um  
 Ferrule inner diameter tolerance +1/-0um  
 Ferrule outer diameter tolerance +/-0.5 um

CODE	FERRULE	TYPE	HOUSING	BOOT
	1 Single mode	1 Simplex	1 0.9	1 Blue
	2 Multimode	2 Duplex	2 2.0	2 Beige
	3 Angle PC		3 3.0	3 Green
				4 Black
				5 Blue and Yellow
				6 Red and Black