



The FC connector is the most widely used fiber optic connector in telecommunication industry. Its threaded coupling design accommodates a reliable and durable connection to optical network, especially suitable for advanced fiber optic systems requiring exceptional stability and low reflections.

## Feature

- Low insertion loss
- High return loss
- High interface performance
- Good repeatability and exchangeability
- High precision alignment

## Application

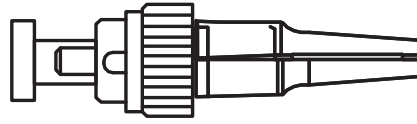
- LAN, WAN, CATV
- Telecom network
- Data processing network
- Medical industry and military industry
- Testing equipment

## Specification

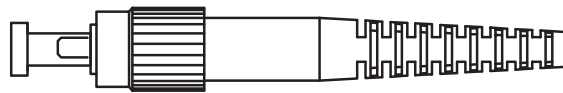
Parameters	SM			MM
Insertion Loss(dB) Concentricity<1.0um	≤0.3			≤0.3
Low Loss(dB) Concentricity<0.5um	≤0.2			≤0.2
Surface	PC	UPC	APC	
Return Loss(dB)	≥50	≥55	≥60	
Repeatability(dB)	≤0.3			500 Times
Operating Temperature(°C)	-40~+85			

# Technical Drawing

## FC SX 0.9mm one piece



## FC SX 3.0/2.0mm one piece



# Additional Drawing



FC/APC SX Green 3.0/2.0



FC/APC SX Green 3.0/2.0



FC SX Blue 3.0/2.0



FC SX Black 3.0/2.0



FC/APC SX Green 3.0/2.0



FC/APC SX Green 3.0/2.0



FC SX Black 3.0/2.0



FC SX New Type 0.9



FC SX New Type 0.9



FC Boot 3.0/2.0



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