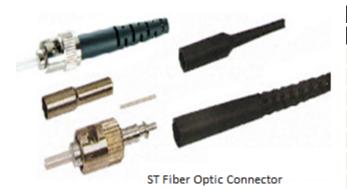
## **CONNECSYS**

## **Fiber Optic Connectors**

## Description

Fiber Optic Connectors are designed and manufactured with high precision mechanical dimension providing excellent performance with low insertion loss, high durability and ensure easy installation. Suitable application for Optical Distribution Frame Installation, Optical Fiber Communication Interface, FTTH, FTTP and FTTX.



ST Single-Mode & Multi-Mode ST Fiber Optic Connector				
Specifications				
Availability	Single-Mode	Multi-Mode		
Insertion Loss	≤ 0.30 dB	≤ 0.30 dB		
Return Loss	≥ 50 dB	≥ 35 dB		
Interchangeability	≤ 0.20 dB	≤ 0.20 dB		
Repeatability	≤ 0.20 dB	≤ 0.20 dB		
Mechanical Durability	1,000 Cycle (≤ 0.20 dB)			
Operating Temperature	-40°C to +80°C			



SC Single-Mode & Multi-Mode SC Fiber Optic Connector				
Specifications	·			
Availability	Single-Mode	Multi-Mode		
Insertion Loss	≤ 0.30 dB	≤ 0.30 dB		
Return Loss	≥ 50 dB	≥ 35 dB		
Interchangeability	≤ 0.20 dB	≤ 0.20 dB		
Repeatability	≤ 0.20 dB	≤ 0.20 dB		
Mechanical Durability	1,000 Cycle (≤ 0.20 dB)			
Operating Temperature	-40°C to +80°C			



LC Single-Mode & Multi-Mode LC Fiber Optic Connector				
Specifications				
Availability	Single-Mode	Multi-Mode		
Insertion Loss	≤ 0.30 dB	≤ 0.30 dB		
Return Loss	≥ 50 dB	≥ 35 dB		
Interchangeability	≤ 0.20 dB	≤ 0.20 dB		
Repeatability	≤ 0.20 dB	≤ 0.20 dB		
Mechanical Durability	1,000 Cycle (≤ 0.20 dB)			
Operating Temperature	-40°C to +80°C			



FC Single-Mode & Multi-Mode FC Fiber Optic Connector Specifications Availability Single-Mode Multi-Mode **Insertion Loss** ≤ 0.30 dB ≤ 0.30 dB ≥ 35 dB **Return Loss** ≥ 50 dB Interchangeability ≤ 0.20 dB ≤ 0.20 dB ≤ 0.20 dB ≤ 0.20 dB Repeatability Mechanical Durability 1,000 Cycle (≤ 0.20 dB) **Operating Temperature** -40°C to +80°C

FC Fiber Optic Connector

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