



LC Optical Patch-Cord

Description

Fiber Optic Patch-cords, which are used to implement an optical path active connection between two electronic devices, are composed of optical fiber connectors at both ends and fiber cable. By precision docking of the end face of connectors, the output power maximized in coupling to the receiving fiber and insertion loss is minimized. They are commonly used for connection between optical transceiver and terminal box.

Features

- High temperature stability
- Good exchangeability
- Good Durability
- Low insertion loss and back reflection loss
- Standard: Telcordia GR-326-CORE

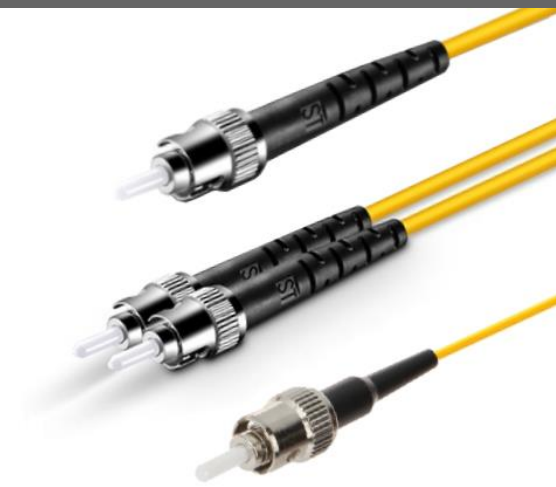
Application

- Gigabit Ethernet
- Telecommunication networks
- Active device termination
- Video
- Industrial
- Multimedia
- Military
- Premise installations



Specification

Item	Specification	
	Single mode	Multimode
Insertion Loss	Typical $\leq 0.2\text{dB}$, Maximum $\leq 0.3\text{dB}$	$\leq 0.25\text{dB}$
Return Loss	$\geq 50\text{ dB (PC)}$ $\geq 60\text{ dB (APC)}$	30dB
Repeatability	≤ 0.1	≤ 0.1
Durability	$\leq 0.2\text{ dB}$ typical change, 500 matings	$\leq 0.2\text{ dB}$ typical change, 500 matings
Interchangeability	$\leq 0.2\text{dB}$	$\leq 0.2\text{dB}$
Tensile strength	$>70\text{N}$	$>70\text{N}$
Operating Temperature	-40 to + 85°C	-40 to + 85°C



ST Optical Patch-Cord

Description

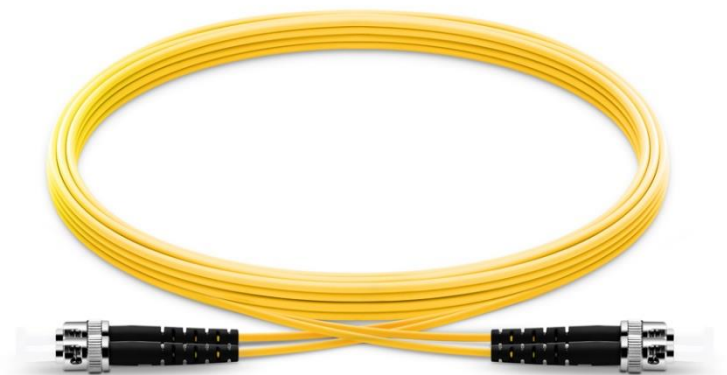
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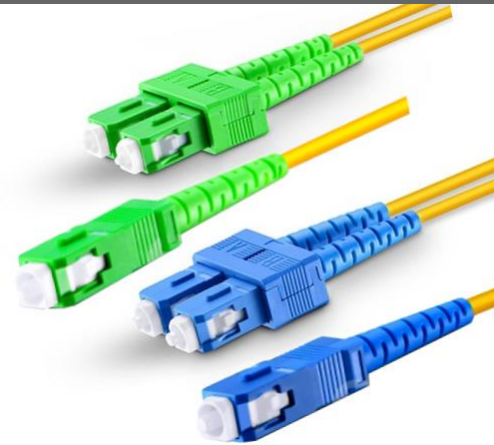
Application

- Local Area Networks (LANs)
- Data processing networks
- Instrument
- Premise installations



Specification

Item	Specification	
	Single mode	Multimode
Insertion Loss	Typical ≤ 0.2 dB, Maximum ≤ 0.3 dB	≤ 0.25 dB
Return Loss	≥ 50 dB (PC)	30dB
Repeatability	≤ 0.1	≤ 0.1
Durability	≤ 0.2 dB typical change, 500 matings	≤ 0.2 dB typical change, 500 matings
Interchangeability	≤ 0.2 dB	≤ 0.2 dB
Tensile strength	>70 N	>70 N
Operating Temperature	-40 to + 85°C	-40 to + 85°C



SC Optical Patch-Cord

Description

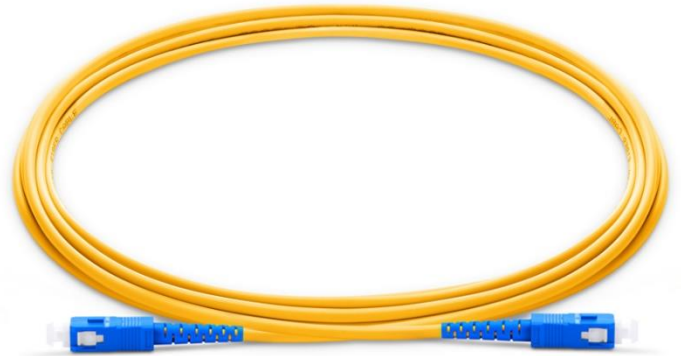
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Features

- Simplex/Duplex patch-cord available
- Fan-out available
- Pigtail available
- Various boot (cable) sizes available

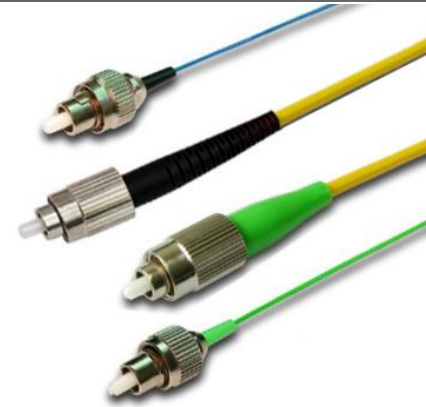
Application

- CATV
- Telecommunication networks
- Active device termination
- Metro
- Local Area Networks (LANs)
- Data processing networks
- Test equipment
- Premise installations
- Wide Area Networks (WANs)



Specification

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	Single mode	Multimode
Insertion Loss	Typical ≤ 0.2 dB, Maximum ≤ 0.3 dB	≤ 0.25 dB
Return Loss	≥ 50 dB (PC) ≥ 60 dB (APC)	30dB
Repeatability	≤ 0.1	≤ 0.1
Durability	≤ 0.2 dB typical change, 500 matings	≤ 0.2 dB typical change, 500 matings
Interchangeability	≤ 0.2 dB	≤ 0.2 dB
Tensile strength	> 70 N	> 70 N
Operating Temperature	-40 to + 85°C	-40 to + 85°C



FC Optical Patch-Cord

Description

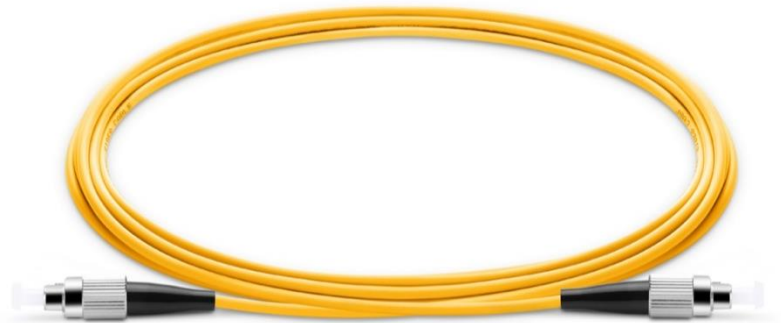
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Features

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Application

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Repeatability	≤ 0.1	≤ 0.1
Durability	$\leq 0.2\text{ dB}$ typical change, 500 matings	$\leq 0.2\text{ dB}$ typical change, 500 matings
Interchangeability	$\leq 0.2\text{dB}$	$\leq 0.2\text{dB}$
Tensile strength	$>70\text{N}$	$>70\text{N}$
Operating Temperature	-40 to + 85°C	-40 to + 85°C