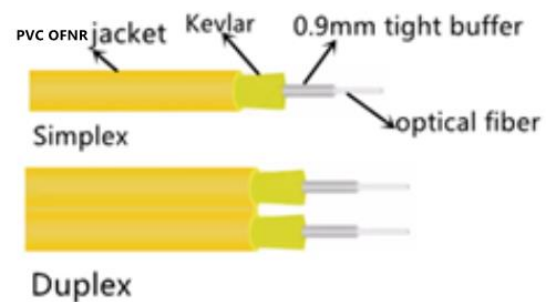


Indoor Fiber Patch Cord

Make High-speed Ethernet Network Equipment Connections



Overview

Fiber optic patch cables are ideal for supporting high speed telecommunication network fiber applications. They are manufactured and tested in compliance with TIA 604 (FOCIS), IEC 61753 and YD/T industry standards. Multimode or Single mode fiber types are available to meet the demand of Gigabit Ethernet, 10 Gigabit Ethernet and high speed Fiber Channel. Every termination is through rigorous parameter test to ensure the highest network performance

Key Features

- Kevlar strengthened provide good tensile strength
- Light, flexible and easy to bend
- Low insertion loss and high return loss, stable transmission

Application

- Telecommunication networks
- Building access
- Cabling system
- CATV
- FTTX applications
- Data center

Physical Characteristics

Connector Types End A	LC/SC/ST/FC/E2000/MU/MTRJ (Epoxy)
Connector Types End B	LC/SC/ST/FC/E2000/MU/MTRJ (Epoxy)
Polish Type	SMF: UPC-UPC; UPC-APC; APC-APC; MMF: UPC-UPC
Connector Ferrule	Zirconia Ceramic (Cap protected to prevent the entry of dust)
Fiber Type	Single mode
Fiber Count	Duplex /Simplex
Fiber Grade	SMF: 9/125μm, ITU-T specification G.657.B3 (11/2009)
Secondary coating	250 μm (silicone)
Tight buffer	900 μm (0.9 mm) PVC
Strength member	Kevlar
Cable Jacket	PVC OFNR
Jacket Color	Yellow
Minimum Bend Radius	SMF: 10mm/30mm; MMF: 7.5mm/15mm
Working Temperature	-40~70℃
Storage Temperature	-40~70℃

Cable Diameter

Simplex	2.0mm
Duplex	2.8mm

Optical Characteristics

Connector Insertion Loss	LC/SC/ST/FC/E2000/MU/MTRJ ≤ 0.12 dB average; ≤ 0.25 dB max. for >97% of samples
Connector Return Loss	SMF: UPC ≥ 50 dB, APC ≥ 60 dB (LC/SC/ST/FC/MU/MTRJ)

Packing

Packing material	1PC/ sealed plastic bag, with bubble protection
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Label sticked on polybag with a unique serial number and test value.

Customized label put on outer carton and then pallet to be used to protect cartons.



Connectors Guidance

Name: Lucent Connector (LC)

Applications: High-density connections, SFP and SFP+ transceivers, XFP transceivers

Name: Square Connector (SC)

Applications: Datacom and telecom; GPON; EPON; GBIC

Name: Ferrule Connector (FC)

Applications: Datacom, telecom, measurement equipment, single mode lasers

Name: Straight Tip (ST)

Applications: Datacom /Security /monitoring

Name: E2000 (E2000)

Applications: Telecom, DWDM systems

Name: Miniature Unit (MU)

Applications: LANS and telecommunication networks



Jacket Color

