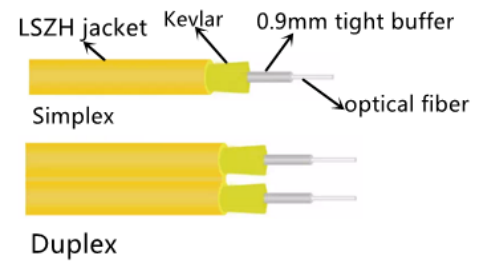SWOT
your honest team

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
Connector Types End B	LC/SC/ST/FC/E2000/MU/MTRJ
Polish Type	SMF: UPC-UPC; UPC-APC; APC-APC; MMF: UPC-UPC
Connector Ferrule	Zirconia Ceramic
Fiber Type	Single mode
Fiber Count	Duplex /Simplex
Cable Jacket	LSZH (flame retardant)
Jacket Color	Yellow
Fiber Grade	SMF: G.657B3
Minimum Bend Radius	SMF: 10mm/30mm; MMF: 7.5mm/15mm
Operating Temperature	-40~85℃
Storage Temperature	-40~85℃

Cable Diameter

Simplex	2.0mm & 2.8mm&3.0mm
Duplex	2.0*4.1mm & 2.8*5.7mm&3.0mm*6.1mm

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, APC≥60 (LC/SC/ST/FC/MU/MTRJ)

Packing

Packing material	1PC/ sealed plastic bag, connector protected by bubble
Carton Dimension (HxWxD)	460x240x550mm

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

SM 9/125UM

OM1 62.5/125UM

OM2 50/125UM

OM3 50/125UM

OM4 50/125UM

OM5 50/125UM