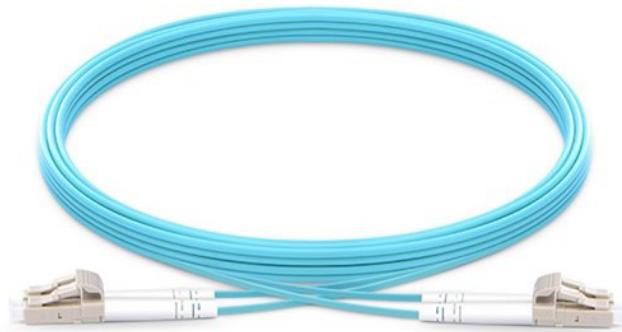


Standard Fiber Patch Cables Datasheet

For High-speed data center network equipments connections

Designed for data center, enterprise, FTTx, LAN and WAN, CATV network, telecom network applications etc. requiring quick infrastructure deployment such as main, horizontal, and zone distribution areas.



Standard Fiber Patch Cables

Fiber optic patch cables are ideal for supporting high speed telecommunication network fiber applications. They are manufactured and tested in compliance with CE, CPR, ISO, and ROHS industry standards. OM1, OM2, OM3, OM4, OM5 or OS2 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.

Standards Compliance



Features

- 1.High quality zirconia ferrules.
- 2.Good repeatability and interchangeability. • LC, SC, ST, FC, LSH, MTRJ, MU connectors are available.
- 3.Flame-retardant, rugged and durable jacket.
- 4.Printing and label can be customized.
- 5.OS2, OM4, OM3, OM2, OM1, OM5 are available.

Technical Specification

Physical Characteristics	Description
Connector Types End A	LC/SC/ST/FC/LSH/MU/MTRJ
Connector Types End B	LC/SC/ST/FC/LSH/MU/MTRJ
Polish Type	SMF: UPC-UPC; UPC-APC; APC-UPC; APC-APC; MMF: UPC-UPC
Connector Ferrule	Zirconia Ceramic
Cable Outside Diameter	Duplex: 2.0/3.0mm, Simplex: 0.9/2.0/3.0mm
Work Wavelength	1310nm/1490nm/1550nm
Vibration	≤0.2dB
Minimum Bend Radius	SMF: 10mm/30mm; MMF: 7.5mm/15mm
Mechanical Characteristics	Description
Fiber Type	OS2/OM5/OM4/OM3/OM2/OM1
Fiber Count	Duplex /Simplex
Cable Jacket	PVC/OFNR/LSZH/Plenum (OFNP)
Jacket Color	OM1/OM2: Orange; OM3/OM4: Aqua; OM5: Lime Green; OS2: Yellow
Fiber Grade	SMF: G.657.A/G.652.D; OM5/OM4/OM3/OM2: Bend Insensitive; OM1: G.651
Optical Characteristics	Description
Connector Insertion Loss	≤0.12dB on average and ≤0.25dB max for 97% of connection ΔIL≤0.2dB
Connector Return Loss	SMF: UPC≥55, APC≥65 (LC/SC/ST/FC/MU/MTRJ), UPC≥55, APC≥75 (LSH) MMF: UPC≥35 (LC/SC/ST/FC/LSH/MU), UPC≥35 (MTRJ)
Repeatability	<0.1dB
Interchangeability	<0.20dB
Plug Testing	≥1000
Tensile Strength	0.9mm(9N); 2.0mm(70N); 3.0mm(75N)
Environmental Characteristics	Description
Operating Temperature	-40~85°C
Storage Temperature	-40~85°C