Fiber Optic Patch Cord Simplex ST UPC to LC UPC

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Variants

10M 3M 5M

Details

Patch Cord – ST UPC to LC UPC

This single-mode fiber optic patch cord is ideal for cloud storage networks, telecom rooms, enterprise networks, and server farms. It ensures reliable and high-performance connectivity for fiber jumper applications. Each patch cord is factory tested for insertion loss and complies with RoHS standards for quality and environmental safety.

Connector Details

Item	Specification
Connector A	LC UPC Simplex
Connector B	ST UPC Simplex

Fiber Specifications

Category	Specification
Fiber Mode	OS2 9/125?m (Single Mode)
Fiber Count	1 Fiber (Simplex)
Fiber Grade	G.657.A1 (Compatible with G.652.D)
Wavelength	1310 nm / 1550 nm

Mechanical Properties

Category	Specification
Cable Type	Tight Buffered
Cable Diameter (OD)	3.0 mm
Flame Rating	OFNR (Riser Rated)
Min Bend Radius (Fiber)	10 mm
Min Bend Radius (Cable)	10×D (Dynamic) / 5×D (Static)
Connector Durability	? 1000 cycles
Tensile Strength	60N (Long-Term) / 100N (Short-Term)

Optical Performance

Category	Specification
Insertion Loss	? 0.3 dB
Return Loss	? 50 dB
Attenuation	0.36 dB/km @1310 nm 0.22 dB/km @1550 nm

Environmental Ratings

Category	Specification
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +80°C

Compliance

Category	Specification
RoHS Status	Compliant

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