

Fiber Optic Patch Cord Simplex ST UPC to LC UPC

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Variants

10M 5M 3M

Details

Overview of the product for the 3.00mm Simplex patch cord, ST UPC to LC UPC

Patch cord single mode fiber optic cables are appropriate for use in cloud storage networks, telecom rooms, enterprise networks, server farms, and any other application where fiber jumper cables are required. In order to guarantee excellent quality, the fiber patch cord is optically tested for insertion loss and complies with RoHS regulations.

Fiber Optic Cable Specifications

Category	Specification
Connector Details	
Connector A	LC UPC Simplex
Connector B	ST UPC Simplex
Fiber Specifications	
Fiber Mode	OS2 9/125?m (Single-Mode)
Fiber Count	1 Fiber (Simplex)
Fiber Grade	G.657.A1 (Bend-Insensitive, Compatible with G.652.D)
Wavelength	1310 nm / 1550 nm

Mechanical Properties

Cable Type	Tight-Buffered
Cable Outside Diameter (OD)	2.0 mm
Flame Rating	Riser (OFNR – Optical Fiber Non-Conductive Riser)

Category	Specification
Min. Bend Radius (Fiber)	10 mm
Min. Bend Radius (Cable)	10×D (Dynamic) / 5×D (Static)
Connector Durability	?1000 mating cycles
Tensile Strength	60N (Long-Term) / 100N (Short-Term)

Optical Performance

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

Environmental Ratings

Operating Temperature	-20°C to +70°C (-4°F to 158°F)
Storage Temperature	-40°C to +80°C (-40°F to 176°F)
Compliance	
RoHS Status	Compliant