

Fiber Optic Patch Cord Simplex ST UPC to SC UPC

Variants

3M 3.00mm 2M 3.00mm 5M 3.00mm

Details

SINGLE MODE • OS2

High-performance 2-fiber OS2 patch cord featuring
, low insertion loss and reliable optical
performance for telecom, data communication and fiber network applications.

Quick Specifications

CONNECTOR A

SC UPC Duplex

CONNECTOR B

ST UPC

FIBER MODE

OS2 9/125?m

INSERTION LOSS

? 0.3 dB

Key Features

- ? SC UPC Duplex to ST UPC
- ? 2-Fiber Duplex Connection
- ? OS2 9/125?m Single Mode
- ? G.657.A1 Bend-Insensitive Fiber
- ? Compatible with G.652.D
- ? Low Insertion Loss ? 0.3 dB
- ? Return Loss ? 50 dB
- ? 1310 / 1550 nm Wavelength

Technical Specifications

Parameter	Specification	
Connector A	SC UPC Duplex	
Connector B	ST UPC	
Fiber Count	2 Fibers	
Fiber Grade	G.657.A1 (Compatible with G.652.D)	
Fiber Mode	OS2 9/125?m	
Wavelength	1310 / 1550 nm	
Flame Rating	Riser (OFNR)	

Parameter	Specification
Cable Outside Diameter (OD)	2.0 mm
Polarity	A (Tx) to B (Rx)
Cable Type	Tight-Buffered
Min. Bend Radius (Optical Fiber)	10 mm
Min. Bend Radius (Fiber Cable)	10/5D (Dynamic / Static)
Connector Durability	1000 Times
Tensile Strength	90 / 150 N (Long / Short Term)
Insertion Loss	? 0.3 dB
Return Loss	? 50 dB
Attenuation at 1310 nm	? 0.4 dB/km
Attenuation at 1550 nm	? 0.3 dB/km
Operating Temperature	-10°C to +70°C (14°F to 158°F)
Storage Temperature	-20°C to +70°C (-4°F to 158°F)

Reliable Optical Performance

Built with G.657.A1 bend-insensitive OS2 single-mode fiber, this patch cord provides low optical loss and reliable performance at 1310 nm and 1550 nm. It is suitable for professional fiber optic connections where SC UPC Duplex and ST UPC interfaces are required.