SC/UPC to SC/UPC Duplex Multimode Fiber Patch Cord

OM1 Multimode 62.5/125μm | G.651 Standard | Tight-Buffered 2.0mm/3.0mm OFNR Riser Jacket

[Product Image: SC-SC Duplex Patch Cord]

TECHNICAL SPECIFICATIONS

Connector A	SC UPC Duplex	**Connector B**	SC UPC Duplex
Fiber Count	2 Cores (Duplex)	**Fiber Grade**	G.651
Fiber Type	OM1 62.5/125μm	**Wavelength**	850 / 1300 nm
Flame Retardant Rating	Riser (OFNR)	**Cable Outer Diameter (OD)**	2.0 mm / 3.0 mm
Polarity	A(Tx) to B(Rx)	**Cable Type**	Tight-Buffered
Min. Bend Radius (Fiber)	15 mm	**Min. Bend Radius (Cable)**	20/10D (Dynamic / Static)
Connector Durability	1000 Mating Cycles	**Tensile Strength**	90 / 150 N (Long Term / Short Term)
Insertion Loss	≤ 0.3 dB	**Return Loss**	> 30 dB
Attenuation @ 850nm	≤ 3.5 dB/km	**Attenuation @ 1300nm**	≤ 1.5 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)

KEY FEATURES & PERFORMANCE

Standard OM1 62.5/125μm Core: Designed for legacy high-speed LAN, data center, and enterprise campus networks operating at dual wavelengths (850nm/ 1300nm).

Standard A-to-B Polarity: Configured in crossover duplex mode (Tx to Rx) for immediate plug-and-play installation into transceiver modules and fiber patch panels.

OFNR Riser Rated Jacket: Non-conductive riser PVC outer jacket compliant with building safety standards for vertical run installations between floors.

High Durability Ceramic Ferrules: Precision SC/UPC ceramic ferrules provide low insertion loss (≤0.3dB) and survive up to 1000 mating cycles for long-term reliability.

Note: All technical specifications and parameters shown in this datasheet are provided for reference purposes only and are subject to change without prior notice based on manufacturing tolerances or customization options.