

FC/UPC to ST/UPC Duplex OM3 Multimode Fiber Patch Cord

OM3 Multimode 50/125µm | Bend-Insensitive Fiber | Tight-Buffered 2.0mm/3.0mm OFNR Riser Jacket

[Product Image: FC-ST Duplex Patch Cord]

TECHNICAL SPECIFICATIONS

Connector A	FC UPC	Connector B	ST UPC
Fiber Count	2 Cores (Duplex)	Fiber Grade	Bend-Insensitive Fiber
Fiber Type	OM3 50/125µm	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)	7.5 mm	Min. Bend Radius (Cable)	20 / 10 D (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

Bend-Insensitive OM3 Core (7.5mm Radius): Ultra-small 7.5mm minimum bend radius ensures reliable 10GbE transmission even in high-density or tight-space cabling layouts.

Robust Metallic Connectors: Premium FC & ST metallic twist-lock/bayonet connectors deliver excellent mechanical stability and high insertion durability up to 1000 cycles.

Standard A-to-B Polarity: Configured in standard crossover duplex mode (Tx to Rx) for instant plug-and-play network connectivity.

OFNR Riser Rated Aqua Jacket: Non-conductive riser PVC outer jacket meets building fire safety requirements for vertical riser installations.

Note: All technical data provided in this specification sheet is for reference purposes only and subject to manufacturing tolerances or customer-specific custom configurations.