

FC/UPC to ST/UPC Simplex Armored Fiber Patch Cord

OS2 Single-mode 9/125μm | G.657.A1 (Compatible with G.652.D) | 3.0mm Armored Riser (OFCR)

[Product Image: FC-ST Armored Patch Cord]

TECHNICAL SPECIFICATIONS

Connector Type	FC to ST	Polish Type	UPC to UPC
Fiber Type	OS2 9/125μm	Fiber Count	Simplex (Single Core)
Fiber Grade	G.657.A1 (G.652.D Compatible)	Min. Bend Radius	10/5D (Dynamic / Static)
Cable Outer Diameter (OD)	3.0 mm	Flame Retardant Rating	Riser (OFCR - Optical Fiber Conductive Riser)
Cable Structure	Single Armored, Stainless Steel Tube	Tensile Strength	120 / 225 N (Long Term / Short Term)
Insertion Loss	≤ 0.3 dB	Return Loss	> 50 dB
Operating Temperature	-20°C to +70°C (-4°F to 158°F)	Storage Temperature	-40°C to +70°C (-40°F to 158°F)

KEY FEATURES & CONSTRUCTION

Stainless Steel Armor Protection: Built with a protective stainless steel tube casing to deliver high resistance against crushing, rodents, and mechanical stress while preserving physical flexibility.

High Precision Connectors: Premium FC and ST connectors with UPC ultra-polished ceramic ferrules ensure low insertion loss (≤0.3dB) and high return loss (>50dB).

Bend Insensitive Fiber: Features G.657.A1 fiber standard, allowing tighter cable bends with minimal signal loss, fully backward compatible with standard G.652.D single-mode fiber systems.

Riser Rated Outer Jacket: Flame retardant OFCR (Optical Fiber Conductive Riser) jacket designed for safe installation in vertical shafts, backbones, and building riser spaces.

Note: All technical data and parameters presented in this datasheet are provided for reference only and are subject to change without prior notice depending on customization or production batches.