

Armored Patch Cables Datasheet

PERFECT SOLUTION FOR INSTALLS THAT REQUIRE EXTRA PROTECTION



Indoor Armored Fiber Patch Cables

The armored patch cables will allow you to protect your critical and essential fiber optic network with a crush-resistant and rodent-resistant jacket. The cable is a perfect solution for installing that require extra protection. The jacket contains steel armor and an aramid yarn strength member which allows the cable to remain extremely flexible while also being crush and rodent resistant.

Standards Compliance

- ISO9001 Compliant
- RoHS Compliant

Features

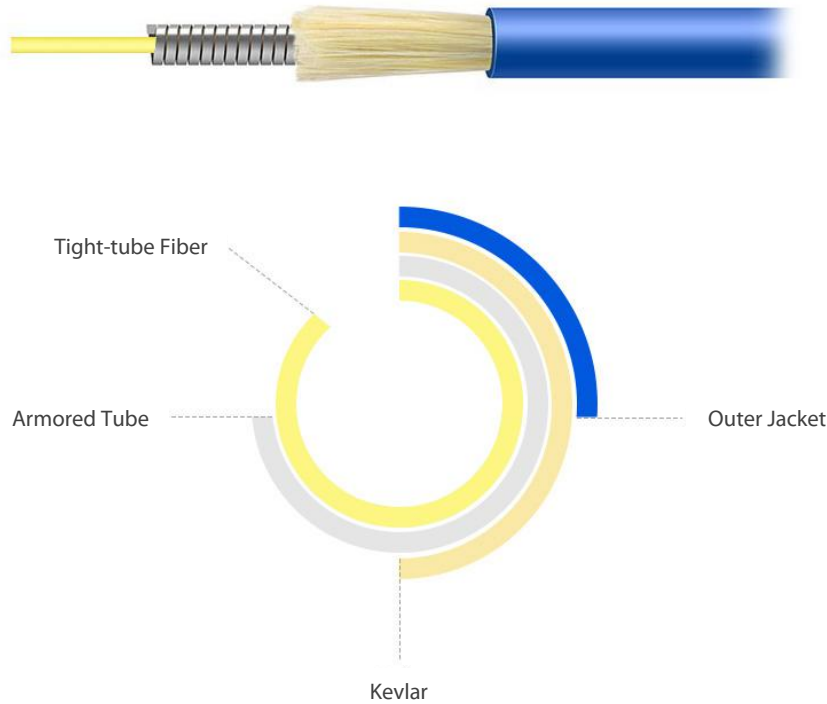
- High quality zirconia ferrules.
- Good repeatability and interchangeability.
- OS2/OM4/OM3/OM2/OM1 are available.
- LC/SC/ST/FC/LSH connectors are available.
- Perfect solution for installs that require extra protection.
- Factory terminated and tested for insertion loss, return loss and end face.

Technical Specification

Physical Characteristics	Description
Fiber Count	Simplex/Duplex
Fiber Mode	OS2/OM4/OM3/OM2/OM1
Fiber Grade	OS2: G.657.A1 OM4/OM3/OM2: Bend Insensitive; OM1: G.651
Connector A	LC/SC/ST/FC/LSH
Connector B	LC/SC/ST/FC/LSH
Polish Type	SMF: UPC/APC MMF: UPC
Cable Jacket	PVC (Riser/OFNR)/LSZH/Plenum (OFNP)
Jacket Color	OS2: Blue OM4/OM3: Aqua; OM2/OM1: Gray
Cable Diameter (mm)	3.0
Minimum Bend Radius (mm)	SMF: 10/5D (Dynamic/Static) MMF: 20/10D (Dynamic/Static)
Optical Characteristics	Description
Insertion Loss (dB)	≤0.3
Return Loss (dB)	SMF: UPC≥50, APC≥60 (LC/SC/ST/FC) UPC≥55, APC≥75 (LSH) MMF: UPC≥30 (LC/SC/ST/FC/LSH)
Wavelength (nm)	SMF: 1310/1550 MMF: 850/1300
Tensile Loads (N)	120N (Long Term)/225N (Short Term)
Operating Temperature	-25~70° C
Storage Temperature	-25~70° C

Cable Structure

Armored fiber patch cables feature a specialized jacketing that increases the durability of fiber cables. In addition, the stainless steel tube allow optical fiber to be installed in the indoor harsh environments where a traditional fiber optic patch cable may fail, such as environments with excessive dust, or even damage-causing rodents etc.



* The cable structure is shown above for reference with single mode, and the multimode cable will only be different in jacket color.

Hot Products

ID	Description
#40384	1m (3ft) LC UPC Duplex OS2 Single Mode Armored PVC (OFNR) 3.0mm Fiber Optic Patch Cable
#41655	1m (3ft) SC APC Simplex OS2 Single Mode Armored PVC (OFNR) 3.0mm Fiber Optic Patch Cable
#41030	1m (3ft) LC UPC Duplex OM4 Multimode Armored PVC (OFNR) 3.0mm Fiber Optic Patch Cable
#41822	1m (3ft) LC UPC Duplex OM3 Multimode Armored PVC (OFNR) 3.0mm Fiber Optic Patch Cable



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