

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

- Good repeatability and interchangeability.
- OS2/OM4/OM3/OM2/OM1 are available
- LC/SC/ST/FC/LSH/MTP connectors are available.
- Perfect solution for installs that require extraprotection
- Factory terminated and tested for insertionloss, return loss and end face

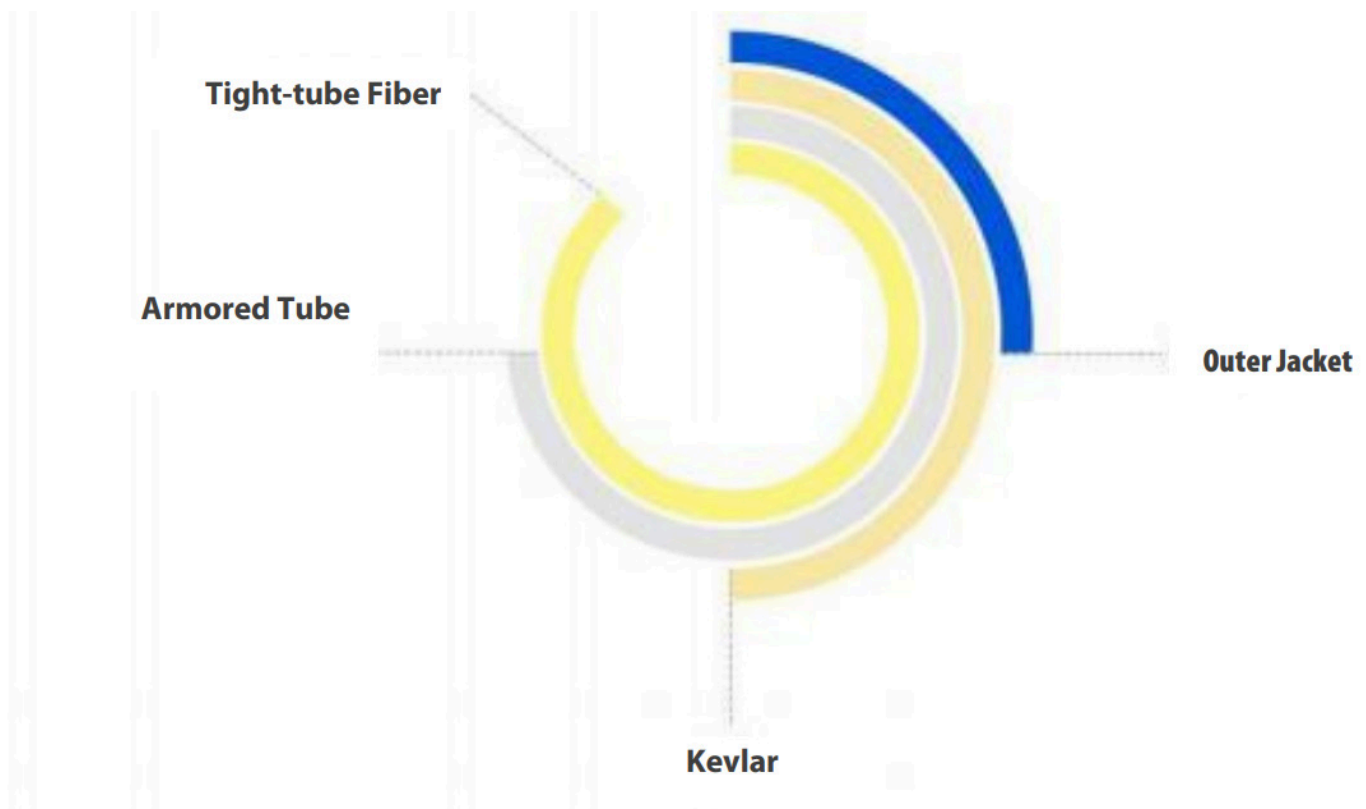
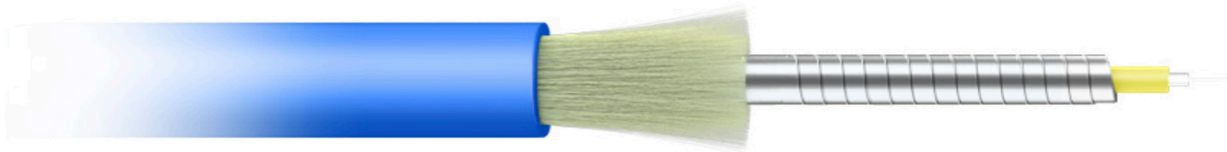
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Physical Characteristics	Description
Fiber Count	Simplex / Duplex / 12 Fibers
Fiber Mode	OS2 / OM4 / OM3 / OM2 / OM1
Fiber Grade	OS2: G.657.A1 OM4/OM3/OM2: Bend Insensitive; OM1: G.651
Connector A	LC / SC / ST / FC / LSH / MTP
Connector B	LC / SC / ST / FC / LSH / MTP
Polish Type	SMF: UPC/APC MMF: UPC
Cable Jacket	PVC (Riser/OFNR) / LSZH / Plenum (OFNP)
Jacket Color	OS2: Blue / Yellow OM4/OM3: Aqua / Magenta 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/ MTP) UPC≥55, APC≥75 (LSH) MMF: UPC≥30 (LC/SC/ST/FC/LSH/MTP)
Wavelength (nm)	SMF: 1310/1550 MMF: 850/1300
Tensile Loads (N)	120N (Long Term)/225N (Short Term); 200N (Long Term)/400N (Short Term) (MTP Armored)
Operating Temperature	-25~70°C; -20 to 60°C (MTP Armored)
Storage Temperature	-25~70°C; -20 to 85°C (MTP Armored)

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.



-  Trampling Resistance
-  Moisture Resistance
-  Gas Resistance
-  Oil Resistance
-  Rodents/Pests Resistance