

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 extra protection
- Factory terminated and tested for insertionloss, return loss and end face

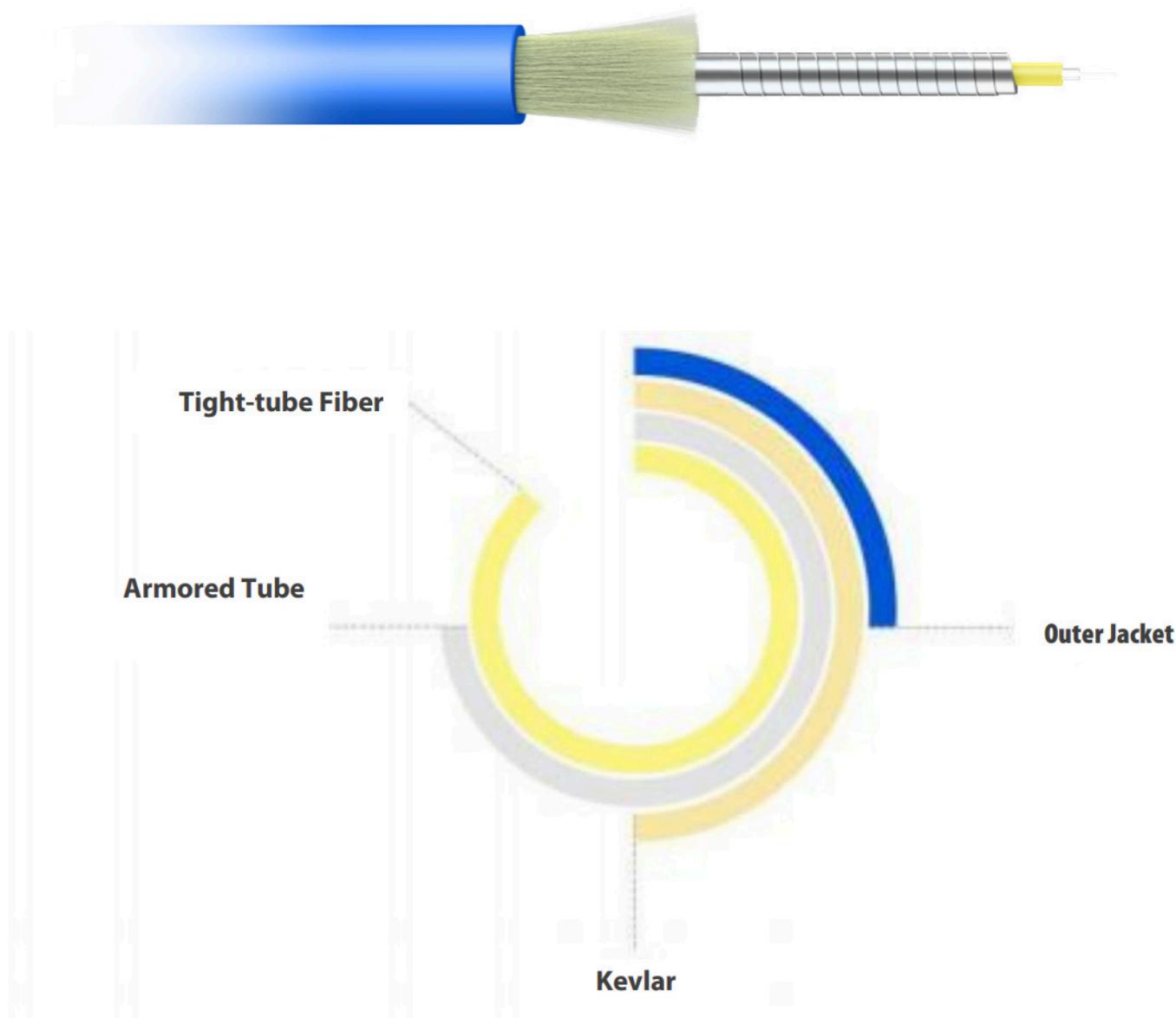
ARMORED PATCH CABLES DATASHEET

| 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