

INDOOR/OUTDOOR RUGGEDIZED PATCH CABLE



EXTRA TOUGH
In accordance with Verizon Standard TPR 9424 Issue 2

DESIGNED SPECIFICALLY FOR FTx APPLICATIONS

- **RUGGED** Staple without significant loss
- **SMALL** 3mm Jacket
- **CUSTOM** Any size to fit your needs
- **FAST** Able to ship within days

Fast-turn delivery!



Secure 1 meter of cable with 20 staples on a wood panel

Specifications

- Storage/Oper. Temperature: -40°C to +75°C
- Installation Temperature: -20°C to +70°C
- Fiber Count: 1
- Overall Jacket Material: Poly Vinyl Chloride
- Nominal Outer Diameter (mm): 3.0
- Bend Radius: 10mm
- Weight (lbs/km): 7.32
- Fiber Type: Plus Corning[®] **BIF** SMF-28 Ultra
- Attenuation (MAX): 0.5dB/km @ 1550nm
- Tensile – short term: 100lbs (445N); Long term: 40lbs (200N)

Standards Compliance

- Meets or exceeds EIA/TIA 568-A/GR-409-CORE and ICEA-S-104-696
- Meets water penetration requirements of Telcordia GR-20-CORE
- Verizon TPR 9424 Issue 2 (see test notes)
- ETL Listed Type OFNR / Canadian FT4
- Compliant to Directive 2002/95/EC (RoHS)

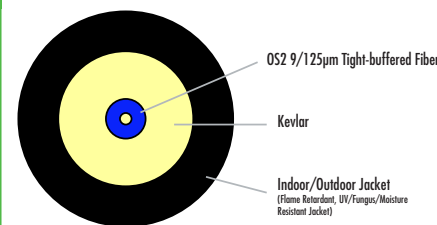
Verizon TPR 9424 Test Notes

- **Staple Test**
Secure 1 meter of cable with 20 staples on a wood panel; attenuation shall not exceed 0.1dB @1550nm. Test to be performed by three different operators for a total of 60 staples
- **Corner bend test (radius <1mm)**
Apply 2kg load to cable to secure against fixture; attenuation shall not exceed <=0.05dB @1550nm
- **MDU Simulation – cable tested in a fixture with the following requirements:**
Ten 90° corner bends unloaded
One 90° corner bend w/2kg load
One 90° corner bend w/5kg load
Two 10mm mandrel wraps
Thirty T25 staples
Perform temperature cycling and aging on the MDU simulation fixture per GR-20(extreme temperatures)
Attenuation shall not exceed <=0.4dB @1550nm

ORDERING INFORMATION



- 1 CONNECTOR**
 - LC UPC = LU1
 - LC APC = LA1
 - SC UPC = SU1
 - SC APC = SA1
 - Blunt = BL
- 2 FIBER TYPE**
 - S = Singlemode
- 3 FLAME RATING**
 - Indoor/Outdoor = I
- 4 JACKET SIZE**
 - 3.0mm = 3
- 5 U.S. MADE**
 - U = US-made
 - Blank = Overseas
- 6 LENGTH**
 - 3-Digit Length
 - Examples: 001, 010, 01.5
- 7 UNIT OF MEASURE**
 - Meters = M
 - Feet = F



Performance Specifications for Singlemode

Polishing	UPC	APC
Insertion Loss	< 0.25dB	< 0.25dB
Return Loss	≥ 50dB	≥ 60dB
Durability	> 500 Matings	