

Indoor/Outdoor Ruggedized Patch Cable



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 1meter of cable with 20 staples on a wood panel

EXTRA TOUGH

In accordance with Verizon Standard TPR 9424 Issue 2

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)

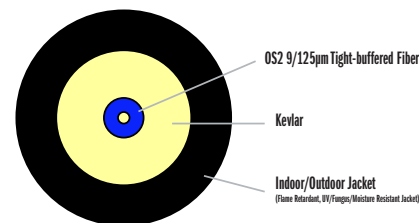
Verizon TPR 9424 Test Notes

- **Staple Test**
Secure 1meter 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 125 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	