

Ultra Discreet Cable

Compact 900um fiber for discreet cable installations

Features

- Small diameter
- Ultra Bend Resistant
- Flexible
- LSZH Material (PA Option)
- IEC 60793
- ITU G.650, G657.B3

Application

900um Slim Discreet cable is perfect for installing in Subscriber premises where it is desirable to keep cable visibility to a minimum.

The 900um Tight buffered Discreet cable from Hexatronic is also well suited for manufacturing Pigtaills that require small bend radius installations.

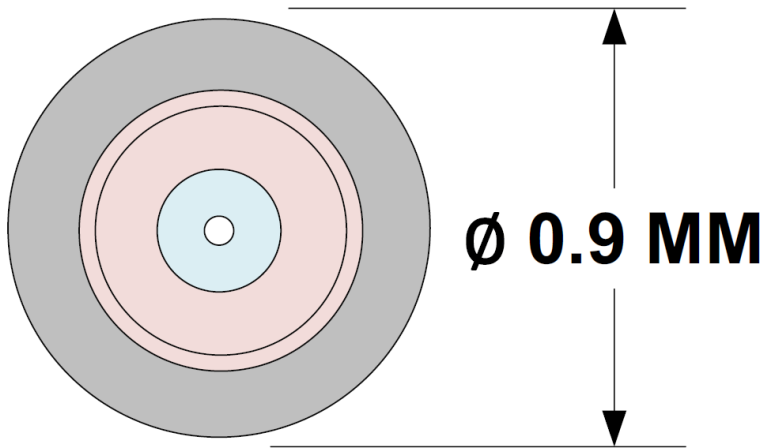
Design

The 900um G657B3 cable is based on an ultra-strong bend single-mode optical fiber produced by the Vapour Phase Axial Deposition (VAD) method. The ultra-strong bend single-mode optical fiber has step-index and matched clad type characteristics operating in the entire wavelength region from 1280 nm to 1625 nm in compliance with the latest ITU-T G.657.B3 standards. Its low sensitivity to macro-bending results in lower attenuation levels in the 1600 nm wavelength region. This fiber also has low PMD (Polarization Mode Dispersion) and supports legacy transmission equipment and applications.

Technical Details

Cable	Fibre Count	1f
Fibre Type	ITU-T	G.657B3
Fibres per Element	Nr	1f
Construction	Type	Tight buffer.
Attenuation in Cable	dB/km	1310nm 0.35 dB/km maximum
		Water Peak 0.35 dB/km maximum
		1550nm 0.21 dB/km maximum
		1550nm to 1625nm 0.25 dB/km maximum
Fibre Mode Field Diameter	m	1310nm 8.6um +/- 0.4 m
PMD	ps/rt.km	0.15 / 0.1
MBR	mm	5
Tensile load	N	1xW. 1000N minimum
Crush	N/dm	500
Impact	J	0.5
Temperature	degree C	-40C to +70C
Weight	Kg/km	1
Cable Delivery Lengths	m	Terminated Drop assemblies, 6km raw cable
Cable cross section diameter	mm	3mm
CPR Rating	Classification	Cca -s1a, d0 -a1

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Articles 1

Article name

Tight Buffered Fibre - Discrete 900um - LSZH- G657B3 - White
FCAT-LSSX-SM3-TB9-WH