ø 0.9 MM

Optical Fibre 900um Tight Buffer

Compact 900um fibre for discreet cable installations

Design

The 900um G657B3 cable is based on an ultra strong bend single mode optical fibre produced by the Vapour Phase Axial Deposition (VAD) method.

The ultra strong bend single mode optical fibre has step index and matched clad type characteristics operating in the entire wavelength region from 1280nm to 1625nm in compliance with the latest ITU-T G657B3 standards. Its low sensitivity to macro bending results in lower attenuation levels in the 1600NM wavelength region.

This fibre also has low polarization mode dispersion (PMD) and supports legacy transmission equipment and applications

Application

The 900um tight buffered discreet cable from Hexatronic is well suited for manufacturing pigtails that require small bend radius installations.

900um slim discreet cable is also well suited to installing in subscriber premises where it is desirable to keep cable visibility to a minimum.

Features

- Small diameter
- Ultra bend resistant
- Flexible
- LSZH material (PA option)
- IEC 60793
- ITU G.650 G657B3

Product Information

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*

Ordering Information

Part number	Description
CFMDU-LSSX-SM3-TB9-WH	Internal Tight Buffer Cable 1f B3 LSZH White/
CFMDU-PASX-SM3-TB9-CL	Tight Buffer Cable 1f B3 PA Clear