



# Ultra Discreet Clear Fiber

Compact 900um fiber for discreet cable installations

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## Features

- Small diameter
- Ultra Bend Resistant
- Flexible
- LSZH Material
- 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.

## 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	<b>Cca -s1a, d0 -a1</b>

