



Pre-Terminated Internal Drop Cable

Design

The cable can be installed internally within buildings using the approved cable clips. Coupling the fire resistant cable with fire resistant clips ensures the installation meets building regulations

Transmission Characteristics

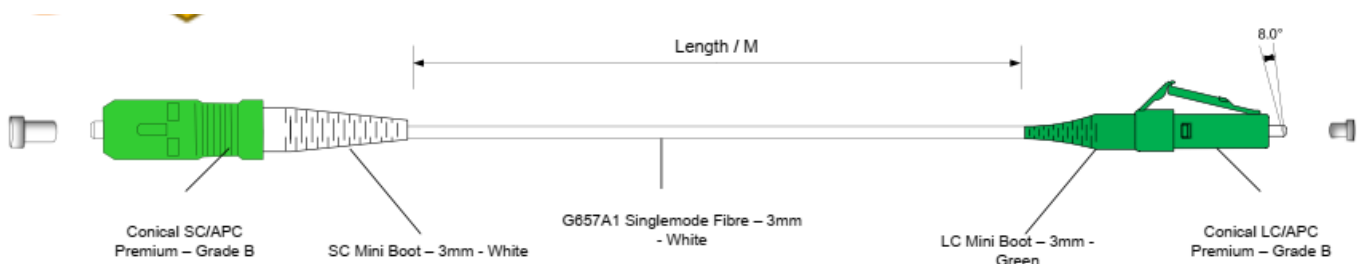
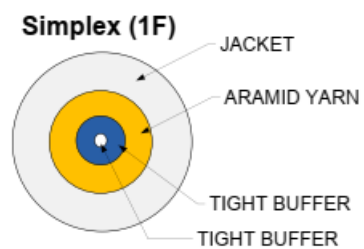
Attenuation	@ 1310nm	@ 1550nm	@ 1625nm
Max	0.35dB/km	0.21dB/km	0.24dB/km

Features

- ITU-T G657A2 bend insensitive fibre
- Tight buffered
- White discreet colouring
- Small cable outer diameter
- Aramid yarn high tensile strength
- LSZH cables compliant to Cca –s1a, d0 - a1
- Compliant to directive 2002/95/EC (RoHS)
- 100% inspection tested to IEC-61300-3-35

Application

The Hexatronic internal FTTx drop cable meets indoor fibre optic distribution requirements and is CPR rated to Cca. Crush resistant and suitable for installation with a bend radius down to 15mm.



Technical Information

Characteristics	Conditions	Value max
Insertion loss	Random mated	0.25dB max for >97% of samples
Insertion loss	Against reference cable	≤ 0.12 dB mean
Return loss	UPC	>55dB
Return loss	APC	>65dB
Temperature cycling	-40 +75°C (21Cycles) , 168hr	<0.2dB
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Cable Specification

Cable	Fibre Count	1f
Fibre Type	ITU-T	G.657A2
Fibres per Element	Nr	1f
Construction	Type	Tight buffer.
Attenuation in Cable	dB/km	1310nm 0.36 dB/km maximum
		Water Peak 0.33 dB/km maximum
		1550nm 0.22 dB/km maximum
		1550nm to 1625nm 0.25 dB/km maximum
Fibre Mode Field Diameter	m	1310nm 9.6um +/- 0.4 m
CD	slope. zero λ	Per G.657A1/G.657A2
PMD	ps/rt.km	Link Design Value < 0.04
MBR	mm	10xOD
Tensile load	N	1xW. 1000N minimum
Crush	N/dm	500
Impact	J	1
Torsion	degree	+/- 180 degree. 2m pitch
Temperature	degree C	-40C to +70C
Weight	Kg/km	8.3
Cable Delivery Lengths	m	1.5m Standard
Cable cross section diameter	mm	3mm
CPR Rating	Classification	Cca -s1a, d0 -a1

Ordering Information

Part number	Description
CFMDU-CSX-SMA2L30-WHT-C-1	Internal Drop Cable 1f A2 3mm White