

FTTx Cabinet Interconnect Patch Cable

Product Overview

The Hexatronic premium interconnect patch cables are developed to provide high performance. With terminations made to IEC grade B using premium connectors, minimal losses are assured.

100% tested for attenuation and 100% visually inspected. *(All tests are pass/fail, test records against serialised cables available on request)*

Features

- ITU-T G.657a1 Bend insensitive fibre
- Tight buffered
- Small cable outer diameter
- Aramid yarn high tensile strength
- LSZH cables
- 100% inspection tested to IEC-61300-3-35*

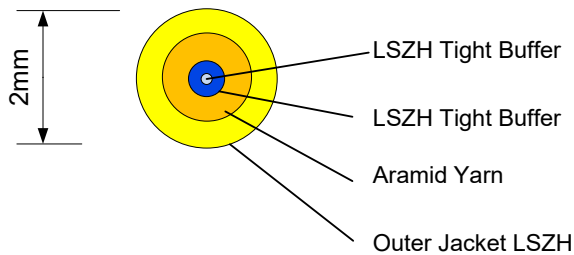
Terminated Specification

CHARACTERISTICS	CONDITIONS	VALUE MAX
Insertion Loss	Random Mated	0.25 dB max. for >97% of samples
Insertion Loss	Against Reference Cable	≤ 0.12 dB mean
Return Loss	UPC	>55 dB
	APC	>65 dB
Temperature Cycling	-40 +75°C (21Cycles) , 168hr	<0.2 dB
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Environmental Specification

OPERATING AND STORAGE TEMPERATURE	VALUE MIN.	VALUE MAX.	UNIT
	Operating temperature	-30	+70
Storage temperature	-40	+70	°C

Construction



Cable Specification

CABLE	FIBRE COUNT	1F
Fibre Type	ITU-T	G.657A1
Fibres per Element	Nr	1f
Construction	Type	Tight buffer _ Yellow Jacket
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 9.2um +/- 0.4 m 1550nm 10.4um +/- 0.5 m
CD	slope. zero λ	Per G.657A1/G.657A2
PMD	ps/rt.km	Link Design Value < 0.04
MBR	mm	5xOD
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	2mm
CPR Rating	Classifica-	Cca -s1b, d0 -a1

Ordering Information

Part number	Description
CFMDU-SM7L2-ALCALC-C120	FTTx cabinet patch interconnect 1f 1.2mm 120cm Yellow