

FTTx customer patch cable

G657a1 3.0mm LC/APC-SC/APC 1f 1.5m standard WHT

Product Overview

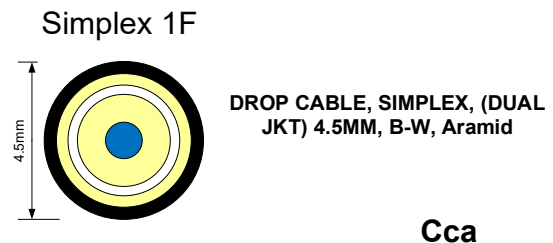
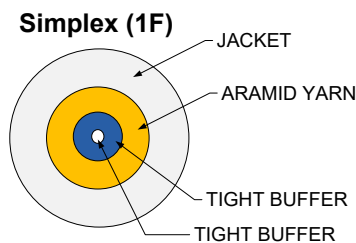
The Hexatronic FTTx internal FTTx drop cable meets all of the indoor fibre optic distribution requirements and is CPR rated to Cca. Crush resistant and suitable for installation with a bend radius down to 15mm.

**All test are pass/fail, test records against serialised cables available on request.*

Features

- ITU-T G.657a1 bend insensitive fibre
- Tight buffered
- White discrete 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-61 300-3-35

Construction



Environmental specification

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

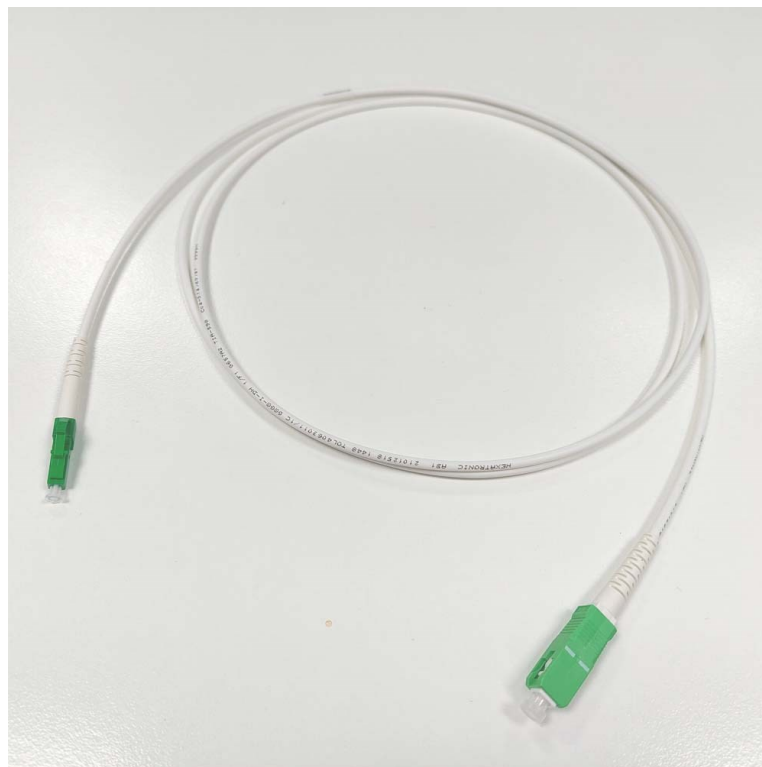
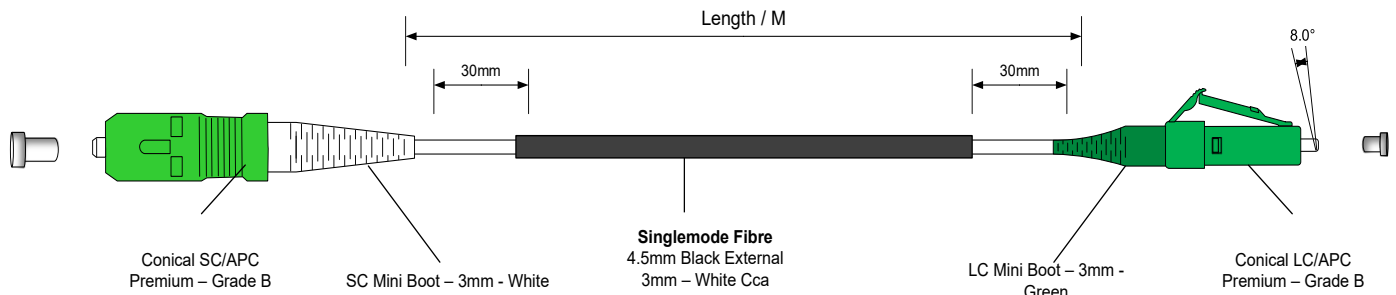
Terminated specification

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
Temperature Cycling	-40 +75°C (21Cycles) , 168hr	<0.2 dB

Cable specification

CABLE	FIBRE	1F
Fibre Type	ITU-T	G.657A1
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 9.2um +/- 0.4 m 1550nm 10.4um +/- 0.5 m
CD	slope. zero	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 (4.5mm when Dual jacket for I/O)
CPR Rating	Classifica-	Cca -s1a, d0 -a1

Dual jacket option available for indoor/outdoor deployments



Ordering Information	
Part number	Description
CFMDU-S730-ALCASC-C150W	FTTx Customer indoor patch cable 1f 3mm 1.5m White