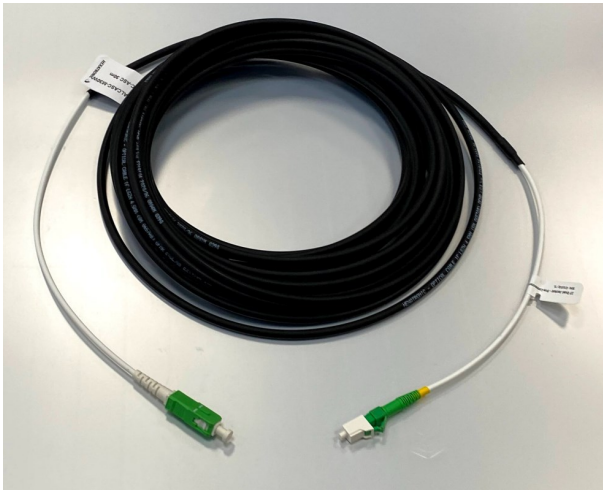




Pre-Terminated Indoor/Outdoor Drop Cable

Design

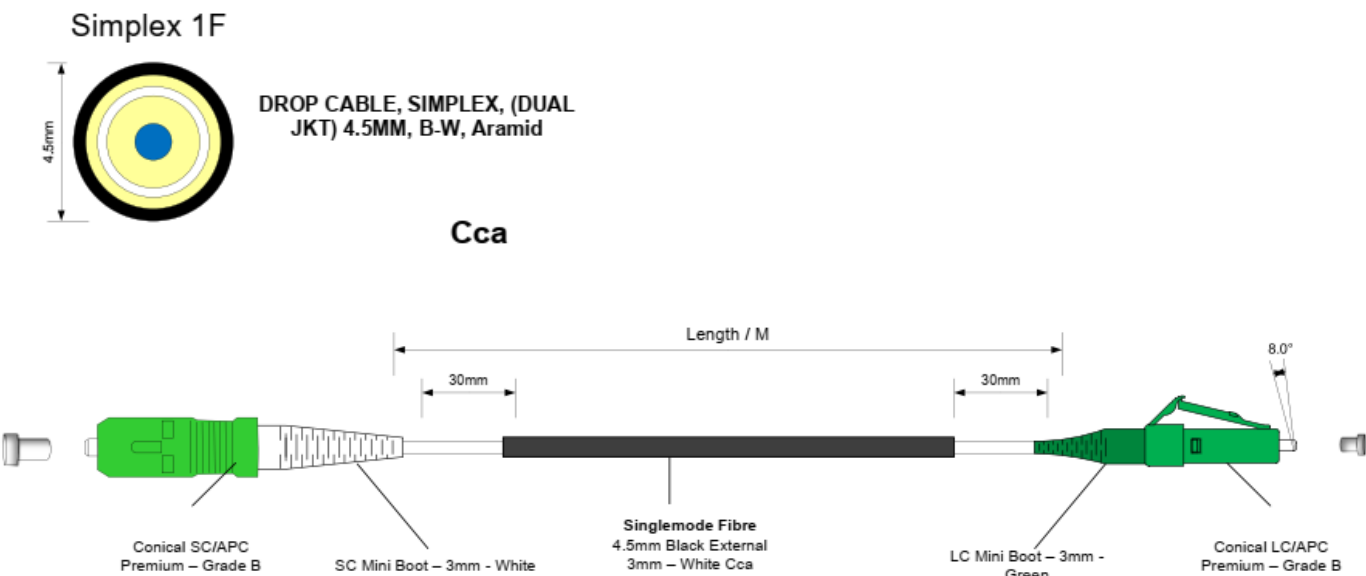
The cable can be installed internally within buildings using approved cable clips. Coupling the fire resistant cable with fire resistant clips ensures the installation meets building regulations.

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 inner cable
- UV stable external black jacket
- Small cable outer diameter
- Aramid yarn high tensile strength
- LSZH cables compliant to Cca -s1a, d0 - a1
- Compliant to directive 2002/95/EC (RoHS)



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	>55.dB
Return loss	APC	>65.dB
Temperature cycling	-40 +75°C (21Cycles) , 168hr	<0.2dB
Temperature cycling	-40 +75°C (21Cycles) , 168hr	<0.2dB

Cable Specification

Fibres per Element	Nr	1f
Construction	Type	Tight buffer LSZH PO
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 8.6 um +/- 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	1000
Impact	J	5
Torsion	degree	+/- 180 degree. 2m pitch
Temperature	degree C	-20C to +70C
Weight	Kg/km	21
Cable Delivery Lengths	m	5m Increments
Cable cross section diameter	mm	4.5 / 3mm
CPR Rating	Classification	Cca -s1a, d0 -a1 (Inner cable)

Ordering Information

Part number	Description
CFMDU-CSX-SM7L45-BWA-1K	Dual Jacket Cable 1f A2 4.5mm Black/White