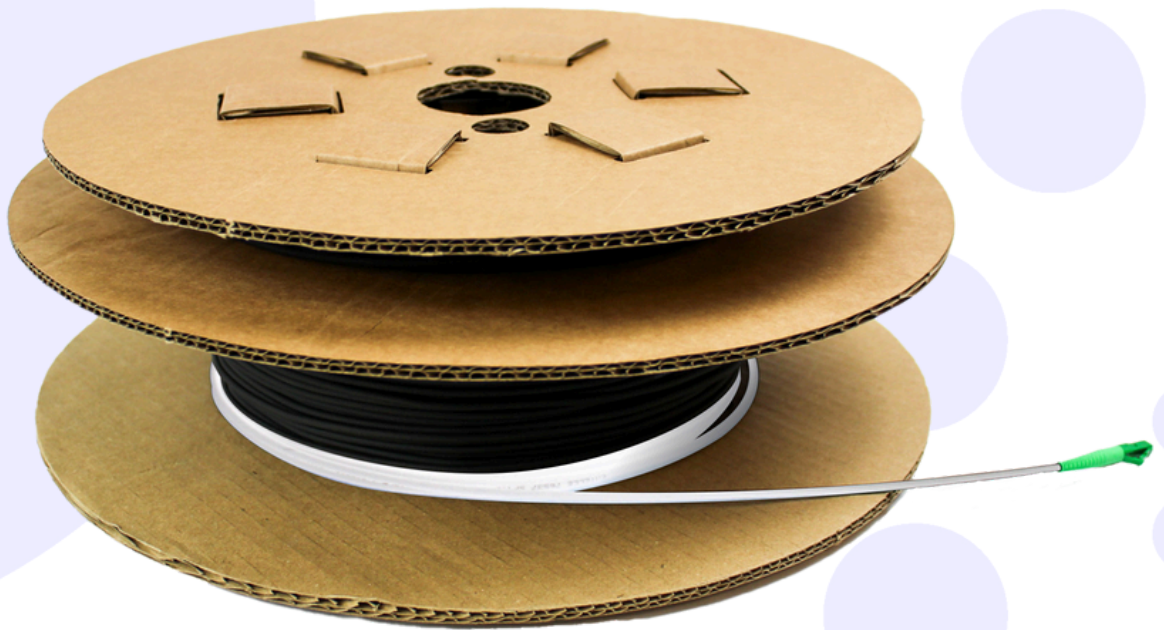
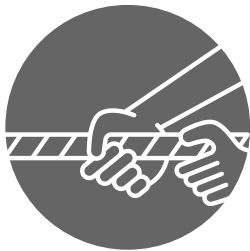


OUTDOOR/INDOOR DROP CABLES 5.0mm/2.2mm DUAL SHEATH



Outdoor/ Indoor Drop Cables for
Fibre To The Home (FTTH) applications



Strong Pull
Force



Outdoor/Indoor
Application



High Bend
Tolerance



Ultra Violet
Resistant

DROP CABLES

5.0/2.2mm DUAL SHEATH



Within a FTTH network, Drop Cables (leads) are used at the subscriber end, to connect a distribution point to the end users premises. Multiple cable types have been developed to deal with the various environmental factors found during installation, but are generally small diameter with low fibre counts. They are typically terminated at both ends for plug and play installation, or at one end only for splicing or field termination.

The 5.0mm/2.2mm Outdoor/Indoor cable is suitable for aerial installation, typically from a pole mounted distribution point, to an ONT (Optical Network Termination), without the need for an ATB (Access Terminal Box) on the outside of the premises. This cable consists of a 5.0mm PE outdoor outer jacket with a 2.2mm LSZH indoor inner jacket. This 5.0mm outer black jacket is removed from where the cable transitions from an outdoor to an indoor environment. The use of G.657.A2 fibre allows greater flexibility with the routing of the fibre and allows clipping to the wall. The PE outer jacket has good weather proofing and is UV resistant. The LSZH inner white jacket has good fire rating properties and is CCA compliant.

CONSTRUCTION SPECIFICATIONS

Fibre Optic Type	SM (G.657.A2)
Armour Type	Aramid yarn
Outer Sheath	PE Black (UV resistant)
Colour	Black

MECHANICAL SPECIFICATIONS

Maximum Tensile Load During Service	(TI) 20.0 daN
Crush Resistance (IEC 60794-1-E3)	100 N/cm
Maximum Admissible Traction Load (Tm)	50 daN

DIMENSIONAL SPECIFICATIONS

Nominal Outer Diameter	5.0mm
Number Of Optical Fibres	1
Approximate Weight	26kg/km
Number Of Tubes	1

USAGE SPECIFICATIONS

Installation Type	Aerial/Indoor
Installation Temperature Range	0-40°C
Operating Temperature Range	-40-60°C
Storage Temperature Range	-40-70°C
Bending Factor When Laying	20 (xD)

PACKAGING

<30m	Poly Bag, Outer Box
30m-120m	3 Flanged Cardboard Drum, Poly Bag, Outer Box (per 6 drums)
>120m	Plywood Drum

*All bags are Biodegradable

