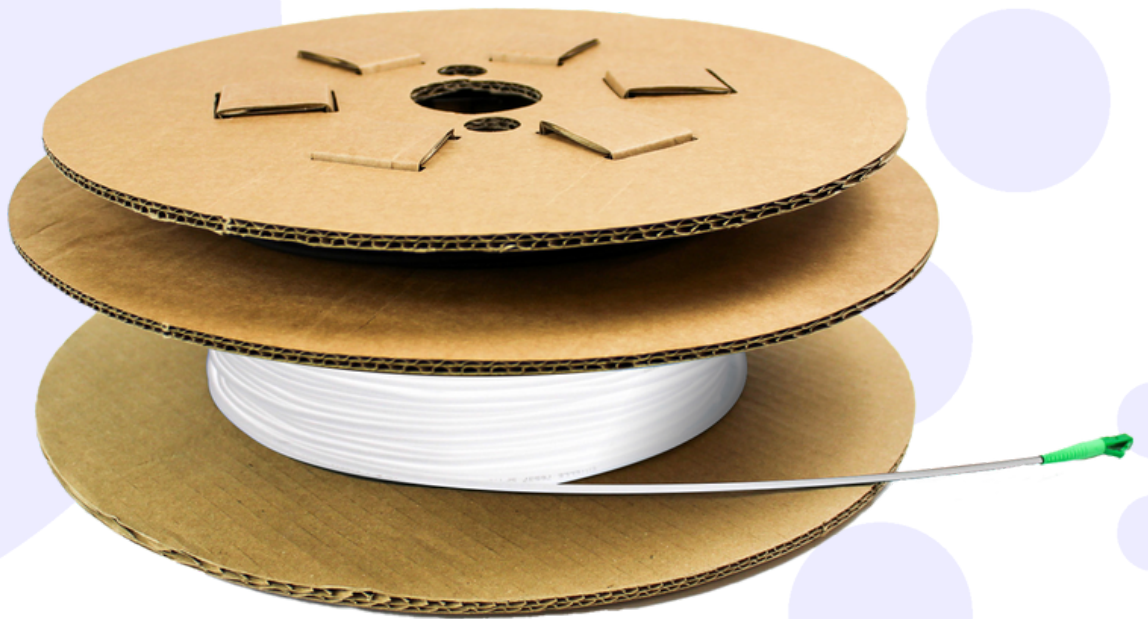


INDOOR DROP CABLES

2.2mm LSZH JACKET



Ultra lightweight fibre Drop Cables for indoor connection to the network



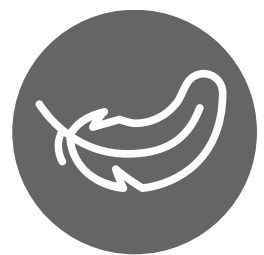
Low Smoke, Zero
Halogen Jacket



Indoor
Application



High Bend
Tolerance



Lightweight &
Compact

INDOOR DROP CABLES

2.2mm LSZH JACKET



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 2.2mm LSZH Drop Cable is suitable for indoor installation from an ATB (Access Terminal Box) on the outside of the premises, to an ONT (Optical Network Termination), e.g. a household internet router. The use of G.657.A2 fibre allows greater flexibility with the routing of the fibre and allows clipping to the wall. The LSZH outer jacket has good fire rating properties and it conforms to CCA or DCA requirements.

CONSTRUCTION SPECIFICATIONS

Construction Type	Unibundle
Fibre Optic Type	SM (G.657.A2)
Armour Type	Aramid yarn
Outer Sheath	LSZH
Halogen Free	IEC 60754-1
Metal Free	Yes
Colour	White

MECHANICAL SPECIFICATIONS

Maximum Installation Tension	250N
Maximum Permanent Tensile Load	0.07KN
Crush Resistance (IEC 60794-1-E3)	150N/cm
Mechanical Resistance To Impacts	10 impacts of 1N.m

DIMENSIONAL SPECIFICATIONS

Nominal Outer Diameter	2.2mm
Cable Diameter Range	2.1-2.3mm
Approximate Weight	4kg/km
Number Of Optical Fibres	1

USAGE SPECIFICATIONS

Flame Retardant	IEC 60332-1
Fire Retardant	IEC 60332-3
Smoke Density	IEC 61034-2
Gases Toxicity	IEC 60754-1
UV Resistance	Yes
Installation Type	Indoor
Installation Temperature Range	0-40°C
Operating Temperature Range	-5-60°C
Storage Temperature Range	-40-60°C
Minimum Static Operating Bend Radius	15mm
Laying Operation Bend Radius	15mm

PACKAGING

<50m	Poly Bag, Outer Box
50m-300m	3 Flanged Cardboard Drum, Poly Bag, Outer Box (per 6 drums)
>300m	Plywood Drum

*All bags are Biodegradable

