DROP CABLE

Indoor Drop Cable 2.6 mm G.657.A2/B2

Product Code: FO-G657A2B2-TB3-2.6MM

Indoor Drop Cable 2.6 mm

Fibline drop cables are part of a product family developed to solve the challenges associated with multidwelling unit (MDU) deployments. Enabled by a truly bend-insensitive fibre, this small-profile, but durable cable is optimised for applications within the living unit. Smaller and more flexible than CAT5 cable, the G.657.A2/B2 fibre drop cable can accomplish tight turns to a minimum bend-radius of down to 7,5 mm with negligible bend loss and can be run under carpet, along door frames and moulding, in a raceway or micro duct.

Features and Benefits

Backward compatible with all industry ITU-G.657 single-mode fibre

Meets industry standards and eliminates installation complexity

900 µm easy strip tight-buffered construction

Optimized for field-installable connectors

Small diameter and low friction LSZH™/FRNC jacket

Compact design to avoid congested ducts

Available also pre-connectorised

Same fibre type across the network

Cable in a box

Small footprint delivery, ideal for transportation and

Unobtrusive light colour

Small impact at customer site

Fibline Drop Cable

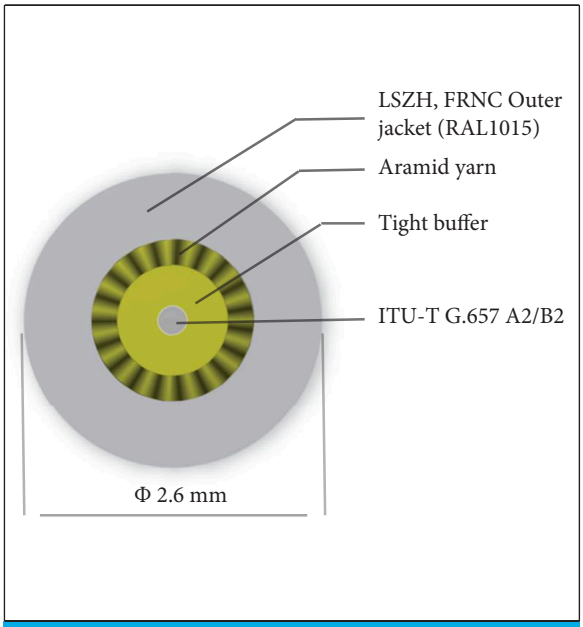
Industry-leading bend performance supporting ease of

Minimum bend radius of 5 mm

Ideal for tight-bend deployments



Standard Version
2.6mm-G.657.A2/B2-Customer



Cross Section of Order Number:
2.6mm-G.657.A2/B2-Customer

RAL1015 (C=1 M=0 Y=1 K=5)

Standards - Flame
Flame retardant to IEC 60332-1-2 (single cable) - (Optionally)
Flame retardant to IEC 60332-3-24 (bunch of cables)
Low Smoke to IEC 61034 and Zero Halogen to IEC 60754-1
Non Corrosive to IEC 60754-2

General Specifications	
Environment	Indoor
Application	Indoor horizontal
Cable type	Tight buffered
Product type	Dielectric
Flame rating	LSZH™/FRNC
Fibre Category	G.657.A2/B2
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	J-VH

Temperature Range	
Installation and assembly	-10 °C to 60 °C - IEC 61300-2-22
Operation	-25 °C to 60 °C - IEC 61300-2-22
Storage	-25 °C to 70 °C - IEC 61300-2-22

Cable Design	
Fibre Count	1
Buffering Diameter	900 µm
Tight Buffer Type	TB3 (strippable up to 10 cm)
Tight Buffer Colour	Yellow
Tensile Strength Elements and/or Armouring - Layer 1	Aramid yarn
Outer jacket material	Flame-retardant, non-corrosive/low-smoke, zero-halogen
Outer jacket colour	RAL1015
Cable marking (Cable quantity information (one every 1mt)	Handset Icon -Customer Name Cable information <Mounth/Year> FIBLINE ® - RoHS - LSZH G.657 A2/B2 TB3 <meter information>

DROP CABLE

Sample marking - Cable
Costumer Name F/O Abone Kablosu <Mounth/Year> FIBLINE ® - RoHS Uyumlu - LSZH G.657 A2/B2 TB3 <meter information>

Mechanical Characteristics	
Nominal Outer Diameter	2.6mm
Weight	6kg/1km
Max. tensile strength for Operation	400 N Test Standart: IEC 60794-1-2-E1
Max. tensile strength for installation	200 N Test Standart: IEC 60794-1-2-E1
Crush resistance (reversible)	1000 N/10 cm

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Fibre Specifications

Optical Characteristics (cabled)	
Fibre Type	Fibline ITU G.657 A2/B2 Single mode Fibre
Fibre Category	SM Bend Resistant (G.657 A2/B2)
Cladding diameter	125 µm +/- 0.7
Mode-Field Diameter at 1310 nm	8.6 µm +/- 0.5
Wavelengths	1310 nm / 1550 nm
Typical attenuation (1310, 1550, 1625)	0.35 dB/km , 0.20 dB/km , 0.21 dB/km
Dispersion @ 1550 nm	≤ 18 ps / (nm * km)
Cable cutoff wavelength	1260 nm
Fibre Bend Performance at 1550nm 7,5mm	≤ 0.1 dB/turn
PMD Link Design Value	0.08 PS / √km
PMD maximum individual fibre	≤ 0.15 PS / √km

Shipping Information	
Maximum delivery length	1000 m
Minimum delivery length	500 m
Packing type	Cable in the drum with carton box