



Last Mile G657.A2 Internal Cable Drum

2,4, 8 and 12 Fibres, LSZH FR - 500m Drum

Application / Product Description

The Last Mile Bare End Internal Cable is constructed using B2ca compliant fibre cable.

A range of 4 cables designed to service a minimum of two and up to a maximum of twelve apartments within a multi-dwelling unit environment, the cable has been specifically chosen to facilitate rapid deployment for efficient customer connections.

The Last Mile Bare End Internal Cable is designed to work with the HellermannTyton family of MDU solutions. The cable diameter is (2.3mm for 2 and 4 fibres or 2.8mm for 8 and 12 fibres) optimized for trouble-free installation above or below corridor ceilings and a range of adhesives and IET 7671 approved fire-proof clips and installation tools are available.

Available in 500m, the cable is supplied on a drum for convenient deployment along corridors.

Technical Details:

- FO cable with central loose tube for optical subscriber access
- The cable is metal-free with a tensile strength of 250N
- The jacket is made of halogen-free, flame-retardant material according to IEC60332-1-2; IEC60332-3-24; IEC60754-1;
- IEC60754-2; IEC61034; EN50399 for use in public buildings with high personal risk and higher Euro fire class B2ca s1a d1 a1
- For use as a flame-retardant cable indoors
- The fibre optic cable exceeds the requirements of EN50173-1, ISO/IEC11801 and EN/IEC60794-2

Features and Benefits:

- Colour coded fibres and transportation tubes
- Operation and installation temperatures -10°C to 60°C
- Cable contains a rip cord for easy mid-span access
- Cable construction contains central easy-strip loose tube which isolates the fibres from the aramid yarns



4 Core Bare End LM Internal Cable on a drum.



12 Core Bare End LM Internal Cable on a drum.

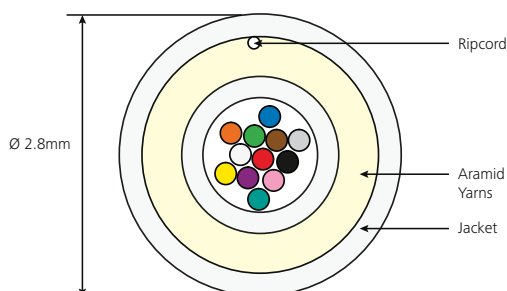


12 Core Bare End LM Internal Cable.

Technical Data

No. of Fibres		2 Fibres	4 Fibres	8 Fibres	12 Fibres
Fibre Type		IEC 6079-2-50 B6_a2 (G.657.A2)			
Jacket	Nominal Outer Diameter (mm)	2.3		2.8	
	Material	LSZH			
	Colour	White RAL 9010			
Fire Load (MJ/km)		233		250	
Cable Weight (kg/km)		7		10	
Cable Reinforcement		Aramid yarns			
Colour Code		Blue, Orange, Green, Red, Grey, Yellow, Brown, Violet, Black, White, Pink, Aqua			

Technical Diagrams



12 Fibre Cable Diagram.



CPR Fire Properties

Characteristic	Values
Flame retardant (acc. EN/IEC 60332-3-25 acc. IEC/EN 60754-1/2)	CPR B2ca-s1a,d1,a1
Halogen free	acc. IEC/EN 61034-2
Low smoke	B2ca
Reaction-to-fire class (acc. EN 13501-6)	s1a
Smoke development class (acc. EN 13501-6)	d1
Euro class flaming droplets/particles (acc. EN 13501-6) Euro class acidity (acc. EN 13501-6)	a1

Mechanical Properties

Characteristic	Values
Crush	IEC 60794-1-21 E3 300 N/10cm
Max. tensile strength during installation	IEC 60794-1-21 E1 400 N
Kink	IEC 60794-1-21 E10 The cables do not form a kink when a loop is drawn together to a diameter 12 times the cable nominal diameter.
UV resistance	Low
Operation temperature*	-10 °C ~ +60 °C (min - max)
Min. Bend Radius (mm)	Dynamic 15xOD
	Static 10xOD

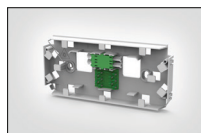
*Temperature range recommended for cable installation, operation and storage tested according to the IEC 60794-1-22 F1.

Part Numbers

Part Number	No. of Fibres	Length m)	Description
HT-OS2-G657.A2-12-TB-2.8MM-B2C	12	500m	12 CORE G657.A2 FIBRE CABLE, 250µM, LSZH FR - 500M DRUM
HT-OS2-G657.A2-8-TB-2.8MM-B2CA	8		8 CORE G657.A2 FIBRE CABLE, 250µM, LSZH FR - 500M DRUM
HT-OS2-G657.A2-4-TB-2.3MM-B2CA	4		4 CORE G657.A2 FIBRE CABLE, 250µM, LSZH FR - 500M DRUM
HT-OS2-G657.A2-2-TB-2.3MM-B2CA	2		2 CORE G657.A2 FIBRE CABLE, 250µM, LSZH FR - 500M DRUM

Associated Products

See datasheets for more information. Other configurations available upon request.



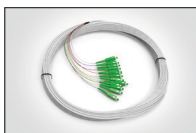
Internal Corridor Box (ICB)
LC/APC or C/APC SX Adaptors



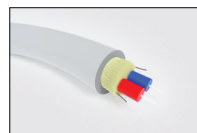
Faint Fibre Outlet (FFO)
SC/APC SX Adaptor



Fibre Wall Outlet (FWOA)
SC/APC SX Adaptors



Last Mile Internal Fan Out Cable
Pre-terminated 25m-250m



Ruggedised Internal Cable
4.8mm OD
1, 2 or 4 Fibres



MDU Range
S1SX, S1, S2/S2XL, S3, S4, S5