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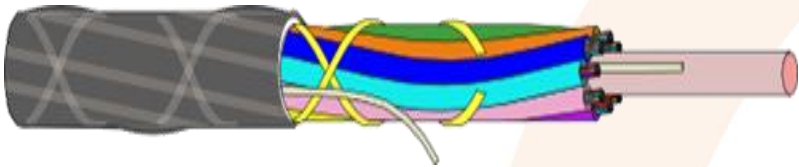
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Product Datasheet MHT 2615
Blown Mini Cable 144f Singlemode



Product Description

Optical mini cable for installation into microducts by blowing using air at pressures up to 15 bar using industry standard equipment. Examples of installation equipment are the CBS Airstream, Breeze, and Plumettaz MiniJet. Recommended minimum microduct bore 10mm.



Product Benefits

- Sheath: Low friction for improved installation performance
- Stripping: Ripcord provided for quick and easy sheath removal
- Colour coding: Individually colour coded loose tubes for easy identification
- Water Blocking: Dry core with water swellable elements. Gel-filled loose tube.

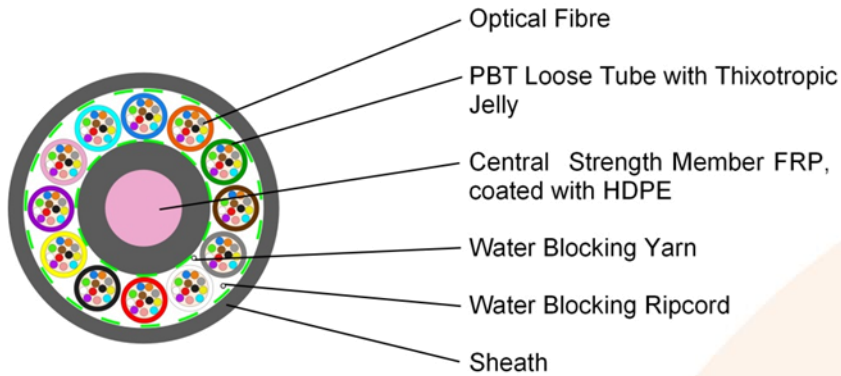
Technical Data

	Cable Option A	Cable Option B
Fibre Specification	ITU-T G.657A1, G656 or G.652D options available	
Standards	IEC 60794-1-2	
Stranding	SZ	
Central strength member	4.5mm (3mm FGRP with PE sheath	4.5mm (2.1mm FGRP with PE sheath
Number of tubes	12	
Loose tubes	1.45mm nominal diameter	
Fibres per tube	12	
Outer sheath	0.5mm minimum thickness, HDPE (nylon option available)	
Outer sheath colour	Black or customer requirement	
Cable outer diameter	8.5 mm nominal	
Cable mass	58 kg/km nominal	
Maximum tensile load	580 N	
Crush resistance	700 N (100 mm plate)	
Minimum bend radius	20 x outside diameter	
Temperatures	Storage/Transport: -20°C to +70°C Installation: -10°C to +50°C Operating: -20°C to +60°C	
Storage Time on Drum	12 months (recommended maximum)	
Fibre Attenuation (20°C)	0.36 dB/km max at 1310 nm and 1383 nm 0.25 dB/km max at 1550 nm	

Note - Cable Option B has been developed with a smaller central strength member making it more flexible, predominantly for the UK market, where the cable runs tend to have more bends. Cable Option A is most suited for blowing into longer straight routes.

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Construction



Fibre and Tube Identification:

Colours to EIA 598 or customer requirement

No.	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

Sheath Marking

Marked every 1m with standard Emtelle printing or to customer requirement

Emtelle Fibreflow - <<Year>> - 144f <<Fibre Type>>, <<Product Code>> - << Batch ID>> - <<Metre Mark>>

Product Codes

Product Code	Description	Option
90081	144F MINICABLE G657A1 BLACK	A
90317	144F MINICABLE G652D BLACK	A
91143	144F MINICABLE G657A1 BLACK	B
91144	144F MINICABLE G652D BLACK	B

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