EMTELLE

MHT2708

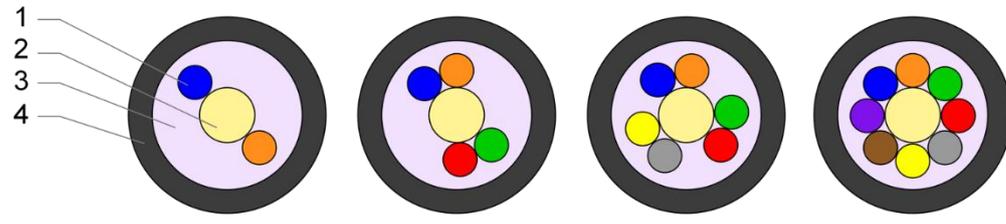# FibreFast XTREME
FibreFast Xtreme Product Family

Product Description

Optical fibre microcable with up to eight fibres set in an encapsulating layer providing excellent dimensional and thermal stability. An outer thermoplastic layer provides a high level of protection and excellent installation properties. The microcable is designed for blowing and pushing long distances into **FibreFlow™** microducts and tube bundles. The strong outer sheath means that additional protection is not required in protected closures or cabinets. The fibres are dry, not coated with gel, thus permitting fast and contamination –free connections.

Design Features

- ⊛ Designed to be installed by blowing, pulling or pushing
- ⊛ Low weight
- ⊛ Small diameter
- ⊛ All dielectric design
- ⊛ Ultra low friction sheath
- ⊛ Low coil set

Properties

Construction

1: Optical fibre

2: FRP rod

3: Encapsulation

4: Low friction sheath

Number of fibres	2	4	6	8
Outer diameter (nominal)	2.02 mm	2.02mm	2.02 mm	2.02mm
Mass (nominal)	3.3 g/m	3.4 g/m	3.46 g/m	3.49 g/m
Min bend radius	40 mm	40 mm	40 mm	40mm
Maximum installation tension	32 N	55 N	60 N	70 N
Fibre types available	Singlemode compliant with G657A2 (ITU-T)			
Temperatures Storage	-20°C to +40°C			
Installation	-20°C to +50°C			
Operational	-50°C to +70°C			
Attenuation at 20⁰C (dB/km)	0.40 dB/km max at 1310nm to 1625nm			
	0.25 dB/km max at 1550nm			
	0.34 dB/km max at 1383nm waterpeak			
PMD_Q (M= 20, Q=0.01%)	≤ 0.2 ps / $(km)^{0.5}$			

GLOBAL MANUFACTURER OF PRE-CONNECTORISED, BLOWN FIBRE CABLE & DUCTED NETWORK SOLUTIONS

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Identification

Printing at each meter interval:
"Meter Mark, xxF, Fibre Type, EMTELLE, MHT2708, Wo Number, Date/Time"

Sheath Color: Black

Fibre color (other standard colors available on request)

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Red	Grey	Yellow	Brown	Violet	Black	Aqua	Pink	White

Packaging and Labelling

All products suitably packaged in recyclable materials and clearly labelled with Emtelle Product Code and description where possible.

END OF SPECIFICATION

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