

Loose Tube Mini Cables - SM 9/125

30-09-2019

Properties

The Loose Tube Mini Cable (LTMC) is a non-metallic, longitudinal water-protected fibre optic cable, with reduced outer diameter and low bend radius, no waterpeak G.657.A1 fibres, suitable for Access or FTTx applications. Installation: blowing into miniducts.



Specifications

Product group	<i>Fibre optic cable</i>
Type	<i>LTMC</i>
Optical fibre standard	<i>ITU-T G.657.A1</i>
Cable metal free	<i>Yes</i>
Strain relief	<i>Yes</i>
Longitudinal water blocking	<i>Yes</i>
Colour outer sheath	<i>Black</i>
Material outer sheath	<i>HDPE</i>
Application	<i>Outside</i>
Blowable	<i>Yes</i>
Type of tube	<i>Loose tube, gel filled</i>
Strip method	<i>1 Rip cord</i>
Operational temperature range Ta1 - Tb1	<i>-40 / 70 °C</i>
Max. attenuation increase during Ta1 - Tb1	<i>0.05 dB</i>
Installation temperature	<i>-15 / 50 °C</i>
Transportation and storage temperature	<i>-40 / 70 °C</i>
Standardization	<i>EN IEC 60794-5-10</i>
Test procedures	<i>IEC 60794-1-2</i>



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Longitudinal watertight construction	<i>Super Absorbing Polymer</i>
Fibre type	<i>Single mode 9/125</i>
Max. attenuation @ 1310 nm	<i>0.35 dB/km</i>
Max. attenuation @ 1550 nm	<i>0.22 dB/km</i>
Max. attenuation @ 1625 nm	<i>0.25 dB/km</i>
UV-protection	<i>ISO 4892/2</i>
Euro fire class according to EN 13501-6	<i>Fca</i>
UV resistant	<i>Yes</i>

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Part number	Description	Outer diameter approx.	Net weight (kg/km)	Min. bending radius after installation	Min. bending radius during installation	Tensile load short term (Tm)	Tensile load long term (TI)
74832	12x SM G.657.A1 (1x12)	6,0	26	90	120	1000	150
74816	24x SM G.657.A1 (2x12)	6,0	26	90	120	1000	150
74813	36x SM G.657.A1 (3x12)	6,0	27	90	120	1000	150
74815	48x SM G.657.A1 (4x12)	6,0	27	90	120	1000	150
74814	72x SM G.657.A1 (6x12)	6,0	28	90	120	1000	150
74812	96x SM G.657.A1 (8x12)	7,0	42	105	140	1500	150



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Part number	Description	Outer diameter approx.	Net weight (kg/km)	Min. bending radius after installation	Min. bending radius during installation	Tensile load short term (Tm)	Tensile load long term (TI)
74834	144x SM G.657.A1 (6x24)	7,9	48	120	160	1500	500