

## Central Tube Mini Cables - SM 9/125

30-09-2019

### Properties

The Central Tube Mini Cable (CTMC) is a customer drop cable, consisting of a central tube filled with low bend radius, no waterpeak G.657.A1 fibres, finished with aramid yarns (as strenght-elements) and a polypropylene outer jacket. This cable has a small outside diameter and is ideal for blowing in micro-tubes in the Access Network. Installation: blowing into microducts of 5.5 mm. (inside diameter)



### Specifications

Product group	<i>Fibre optic cable</i>
Type	<i>CTMC</i>
Fibre type	<i>Single mode 9/125</i>
Optical fibre standard	<i>Product dependent</i>
Colour outer sheath	<i>Black</i>
Cable metal free	<i>Yes</i>
Strain relief	<i>Yes</i>
Material outer sheath	<i>Polypropylene</i>
Application	<i>Outside</i>
Blowable	<i>Yes</i>
Type of tube	<i>Loose tube, gel filled</i>
Operational temperature range Ta1 - Tb1	<i>-30 / 70 °C</i>
Max. attenuation increase during Ta1 - Tb1	<i>Product dependent</i>
Operational temperature range Ta2 - Tb2	<i>-40 / 70 °C</i>
Max. attenuation increase during Ta2 - Tb2	<i>Product dependent</i>
Installation temperature	<i>-15 / 55 °C</i>
Transportation and storage temperature	<i>-40 / 70 °C</i>
Standardization	<i>EN IEC 60794-5-10</i>



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Test procedures	IEC 60794-1-2
Max. attenuation @ 1310 nm	0.38 dB/km
Max. attenuation @ 1550 nm	0.25 dB/km
Max. attenuation @ 1625 nm	0.28 dB/km
Euro fire class according to EN 13501-6	Fca
UV resistant	Yes

### 5 products

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 (Tl)
74921	2x SM G.657.A1 (1x2)	3,9	12	45	55	320	80
74920	4x SM G.657.A1 (1x4)	3,9	12	45	55	320	80
74927	8x SM G.657.A1 (1x8)	3,9	13	45	55	320	80
74935	12x SM G.657.A1 200 µm	3,9	12	45	55	320	80
74934	24x SM G.657.A1 200 µm	3,9	13	45	55	320	80