



SFU - Fibre optic cable

Article number: 520068

07-07-2016

Description

2 x SM G.657.A1



Trading information

Product group	Fibre optic cable
Series	Fibre optic cable Single mode
Type	SFU
Net. Weight	2 kg/km
Sheath marking	ACE - TKF SFU GALD 2 SM G657A1 S12 520068 {Batch} {Year} --- {Length} ---

Trade lengths

Box à 4000	(520068H X 4000/200 / 8713182232146)
Reel à 1	(520068 / 8713182232153)



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Construction characteristics

Cable type	SFU
Fibre type	Single mode 9/125
Optical fibre standard	ITU-T G.657.A1
Number of fibres	2
Type of tube	Central tube
Cable metal free	Yes
Material outer sheath	PE (polyethylene)
Colour outer sheath	Yellow
Outer sheath thickness	0.15 mm
Outer diameter approx.	1.4 mm

Properties

Application	Inside/outside
Blow in	Yes

Technical characteristics

Standardization	EN IEC 60794-5-20
Test procedures	IEC 60794-1-2
Installation temperature	-5 / 50 °C
Transportation and storage temperature	/ 50 °C
Operational temperature range Ta1 - Tb1	-30 / 70 °C
Operational temperature range Ta2 - Tb2	-40 / 70 °C



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Mechanical characteristics

Tensile load short term (Tm)	20 N
Cable strain by Tm	0.5 %
Max. fiber strain at Tm	0.5 %
Min. bending radius after installation	40 mm
Min. bending radius during installation	40 mm
Crush resistance E3A short (1min)	300 N/dm
Crush resistance E3A long	100 N/dm
Crush load E3A long application time	10 min
Elastic bendingstiffness (calculated)	0.00007 Nm ²
Torsion resistance	360 °/m

Optical characteristics

Attenuation @ 1310 nm	0.40 dB/km
Attenuation @ 1550 nm	0.30 dB/km