Unibundle cables

Unibundle cable from 2 to 12 fibres

This unibundle cable is designed for indoor/outdoor installation.

This cable has an outstanding fire behaviour.

This cable can be operated under a large temperature range.



STANDARDS

EN 50399
IEC 60332-1
IEC 60332-3
IEC 60754-1
IEC 60794
IEC 61034
NF C32-070/C2

Design

The SC LSZH cable has a central bundle with maximum 12 fibres inside. The design is reinforced by a layer of watertight glass yarns and a LSZH* sheath.

Fibre type

The SC LSZH cable is available with singlemode and multimode fibres.

Technical performances

The unibundle cable performances are specified in the following tables.

Additional details

This cable is provided as a standard with a black sheath, other sheath colours are also available. Long exposure to UV with these others colours could generate colour fading.

* LSZH: Low Smoke Zero Halogen.

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CHARACTERISTICS

Construction characteristics	
Additional strength member	Glass yarn
Colour	White
Construction type	Unibundle
Fiber optic type	SM (G657.A2)
Halogen free	IEC 60754-1
Material used for longitudinal water tightness	Watertight glass yarns
Metal free	Yes
Outer sheath	LSZH
Dimensional characteristics	
Cable Diameter, range	3.9...4.5 mm
Number of optical fibres	4
Number of optical fibres, range	1...12
Mechanical characteristics	
Crush resistance (IEC 60794-1-E3)	200 N/cm
Maximum installation tension	750 N
Mechanical resistance to impacts	10 impacts of 3 N.m
Usage characteristics	
Fire retardant	IEC 60332-3
Flame retardant	IEC 60332-1
Installation temperature, range	0...40 °C
Installation type	Indoor/Outdoor
Laying operation bending radius	15 mm
Minimum static operating bending radius	15 mm
Operating temperature, range	-30...60 °C
Rodent protection	Glass yarns
Smoke density	IEC 61034-2
Storage temperature, range	-40...60 °C
U.V resistance	Very good

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Selling & delivery Information

Standard Marking

Aginode - FIBRE OPTIC CABLE - SC LSZH Cca s1a d1 a1 SPXXXX - XXxYY - TN - metric

XX = Fibre Count YY = Fibre Type TN = Traceability Number

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Product list

	Aginode ref.	Country ref.	Name	Colour	Fiber optic type	Number of optical fibres
	10201442	-	SC LSZH 4xSM G657A2 WT SP1249	White	SM (G657.A2)	4

= Make to order, = In Stock

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