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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EIGENSCHAFTEN

Konstruktionsmerkmale	
Additional strength member	Glass yarn
Farbe	weiss
Leitungsaufbau	Unibundle
Fasertyp	SM (G657.A2)
Halogenfrei	IEC 60754-1
Verwendetes Material für Längswasserdichtigkeit	Watertight glass yarns
Metallfrei	Yes
Außenmantel	LSZH
Abmessungsmerkmale	
Durchmesser, Bereich	3.9...4.5 mm
Anzahl der optischen Fasern	4
Anzahl der optischen Fasern, Bereich	1...12
Mechanische Eigenschaften	
Querdruckwiderstand (IEC 794-1-E3)	200 N/cm
Maximale Zugspannung bei Installation	750 N
Mechanische Festigkeit gegen Schläge	10 impacts of 3 N.m
Anwendungsmerkmale	
flammwidrig	IEC 60332-3
Flammwidrig	IEC 60332-1
Umgebungstemperatur, Bereich	0...40 °C
Art der Installation	Indoor/Outdoor
Biegeradius während Verlegung	15 mm
Mindestbiegeradius bei statischem Einsatz	15 mm
Betriebstemperatur	-30...60 °C
Nagetierschutz	Glass yarns
Rauchdichte	IEC 61034-2
Lagertemperatur, Bereich	-40...60 °C
UV Beständigkeit	Very good

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Verkauf & Lieferung Informationen

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	Farbe	Fasertyp	Anzahl der optischen Fasern
	10201442	-	SC LSZH 4xSM G657A2 WT SP1249	weiss	SM (G657.A2)	4

= Make to order, = In Stock

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