Unibundle cables

SC LSZH 4XSM G657A2 WT SP1249

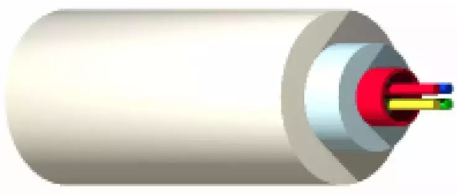
Aginode Ref: 10201442

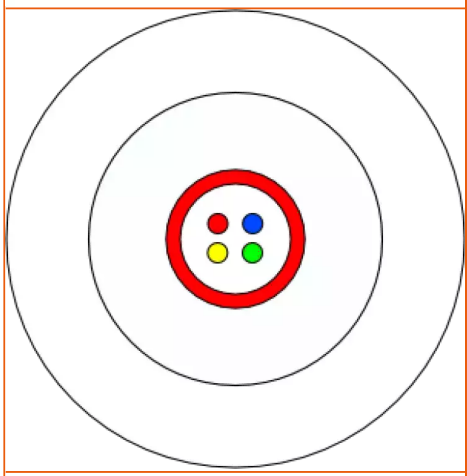
Unibundle cable with CPR classification : Cca-s1a,d1,a1

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.





Design

The SC LSZH* SP1249 cable has a central bundle with 4 fibres inside. The design is reinforced by a layer of watertight glass yarns and a LSZH* sheath.

Fibre type

The SC LSZH* SP1249 cable is available with singlemode fibres.

Technical performances

The unibundle cable performances are specified in the following tables.

Additional details

This cable is provided with a white sheath. Long exposure to UV with this colour could generate colour yellowing.

* LSZH: Low Smoke Zero Halogen.

STANDARDS

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

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

SC LSZH 4xSM G657A2 WT SP1249

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	
Nettogewicht ca.	21 kg/km
Durchmesser, Bereich	3.9...4.5 mm
Außendurchmesser, nom.	4.1 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
Maximalzulässige Dauerzuglast	0.2 kN
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

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Nagetierschutz	Glass yarns
Rauchdichte	IEC 61034-2
Lagertemperatur, Bereich	-40...60 °C
UV Beständigkeit	Very good
Wasserdicht	Längs- und quer-

Declaration of Performance

CprRegulation_CE_10201442 SC LSZH 4xG657A2 SP1249 WT (AG).pdf pdf — 49.7 KB Herunterladen

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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