

Distribution - Unitube cables B2ca (2 - 24 fibres)

UG LSZH 12XG657A1 SP1975 BK+2LOR(SUN/SW)

Aginode Ref: 10570523

This unitube 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 UG-B2 LSZH* SP1884 cable has a central tube with maximum 24 fibres inside and a lateral strength member (FRP: Fibre Reinforced Plastic). The design is reinforced by a layer of watertight aramid yarns and a LSZH* sheath.

Fibre type

The UG-B2 LSZH* SP1884 cable is available with singlemode and multimode fibres.

Technical performances

The unitube 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 other colours could generate colour fading.

Euroclass

B2ca s1 d0 a1



STANDARDS

EN 50399 B2

IEC 60332-1

IEC 60332-3

IEC 60754-1

IEC 60794

IEC 61034

NF C32-070/C2

* LSZH: Low Smoke Zero Halogen.

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.

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Eigenschaften

Konstruktionsmerkmale

Farbe	Schwarz
Fasertyp	SM (G657.A1)
Außenmantel	LSZH
Halogenfrei	IEC 60754-1
Verwendetes Material für Längswasserdichtigkeit	Quellfäden
Metallfrei	Yes
Zugentlastungselement	FRP
Leitungsaufbau	Unitube
Additional strength member	Glass yarn

Abmessungsmerkmale

Nettogewicht ca.	148 kg/km
Anzahl der optischen Fasern	12
Außendurchmesser, nom.	11.6 mm

Mechanische Eigenschaften

Mechanische Festigkeit gegen Schläge	3 impacts of 5 N.m
Querdruckwiderstand (IEC 794-1-E3)	300 N/cm
Maximale Zugspannung bei Installation	9000 N

Anwendungsmerkmale

Betriebstemperatur	-30...60 °C
Mindestbiegeradius bei statischem Einsatz	150 mm
Flammwidrig	IEC 60332-1
UV Beständigkeit	Ja
Lagertemperatur, Bereich	-40...70 °C
Biegeradius während Verlegung	200 mm
Art der Installation	Indoor/Outdoor
Umgebungstemperatur, Bereich	0...40 °C
Wasserdicht	Längs- und quer-

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Erklärung zur Leistung

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Verkauf & Lieferung Informationen

Standard Marking

Aginode - FIBRE OPTIC CABLE - UG-B2 LSZH B2ca s1 d0 a1 SP1884 - XXxYY - FB - TN - metric

XX = Fibre Count YY = Fibre Type FB = Frameries, Belgium (manufacturing place) TN = Traceability Number