

Drop - Unibundle cables B2ca (1 - 12 fibres)

SC LSZH 12XSM G657A1 SP1766 YE

Unibundle cable with watertight glass yarns - 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.

Design

The SC-B2 LSZH* SP1249 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-B2 LSZH* SP1249 cable is available with singlemode and multimode fibres.

Technical performances

The unibundle cable performances are specified in the following tables.

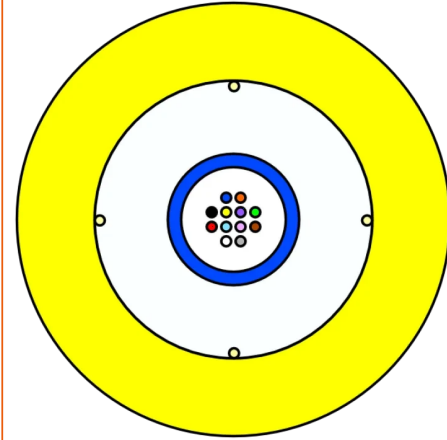
Additional details

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.

Euroclass

B2ca s1 d0 a1

* 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 12xSM G657A1 SP1766 YE

Eigenschaften

Konstruktionsmerkmale

| | |
|---|------------------------|
| Farbe | Gelb |
| Fasertyp | SM (G657.A1) |
| Außenmantel | LSZH |
| Halogenfrei | IEC 60754-1 |
| Verwendetes Material für Längswasserdichtigkeit | Watertight glass yarns |
| Metallfrei | Yes |
| Leitungsaufbau | Unibundle |
| Additional strength member | Glass yarn |

Abmessungsmerkmale

| | |
|--------------------------------------|--------------|
| Nettogewicht ca. | 23 kg/km |
| Anzahl der optischen Fasern | 12 |
| Durchmesser, Bereich | 3.9...4.5 mm |
| Anzahl der optischen Fasern, Bereich | 1...12 |
| Außendurchmesser, nom. | 4.5 mm |

Mechanische Eigenschaften

| | |
|---------------------------------------|---------------------|
| Mechanische Festigkeit gegen Schläge | 10 impacts of 3 N.m |
| Maximalzulässige Dauerzuglast | 0.2 kN |
| Querdruckwiderstand (IEC 794-1-E3) | 200 N/cm |
| Maximale Zugspannung bei Installation | 750 N |

Anwendungsmerkmale

| | |
|---|----------------|
| Betriebstemperatur | -30...60 °C |
| flammwidrig | IEC 60332-3 |
| Mindestbiegeradius bei statischem Einsatz | 15 mm |
| Flammwidrig | IEC 60332-1 |
| Rauchdichte | IEC 61034-2 |
| UV Beständigkeit | Very good |
| Lagertemperatur, Bereich | -40...60 °C |
| Biegeradius während Verlegung | 15 mm |
| Art der Installation | Indoor/Outdoor |

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.

Umgebungstemperatur, Bereich

0..40 °C

Wasserdicht

Längs- und quer-

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.