

# Distribution - Unitube cables Cca

UG LSZH 12XSM G657A1 SP1884 BK

**Aginode Ref:** 10538167

Unitube cable with lateral strength - 12fibres

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

This UG LSZH\* SP1884 cable has a central tube with 12 fibres inside and lateral strength members (FRP: Fibre Reinforced Plastic). The design is reinforced by a layer of yarns and a LSZH\* sheath.

## Fibre type

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

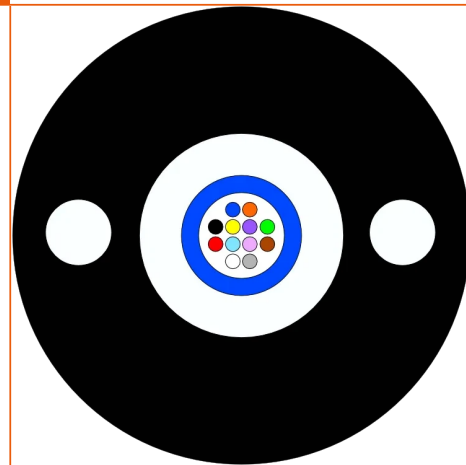
## Technical performances

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.

\* LSZH: Low Smoke Zero Halogen.



## STANDARDS

EN 50399 B2

IEC 60332-1

IEC 60332-3

IEC 60754-1

IEC 60794

IEC 61034

NF C32-070/C2

# UG LSZH 12xSM G657A1 SP1884 BK

## Characteristics

### Construction characteristics

|  |                |
|--|----------------|
| Colour   | Black          |
| Fiber optic type                               | SM (G657.A1)   |
| Halogen free                                   | IEC 60754-1    |
| Material used for longitudinal water tightness | Swellable yarn |
| Strength member                                | FRP            |
| Additional strength member                     | Glass yarn     |

### Dimensional characteristics

|                             |          |
|-----------------------------|----------|
| Approximate weight          | 45 kg/km |
| Number of optical fibres    | 12       |
| Nominal outer diameter (mm) | 6.0 mm   |

### Mechanical characteristics

|                                   |                    |
|-----------------------------------|--------------------|
| Mechanical resistance to impacts  | 3 impacts of 3 N.m |
| Crush resistance (IEC 60794-1-E3) | 200 N/cm           |
| Maximum installation tension      | 1100 N             |

### Usage characteristics

|                                 |                       |
|---------------------------------|-----------------------|
| Operating temperature, range    | -30...60 °C           |
| Flame retardant                 | IEC 60332-1           |
| U.V resistance                  | Very good             |
| Storage temperature, range      | -40...70 °C           |
| Installation type               | Indoor/Outdoor        |
| Installation temperature, range | 0...40 °C             |
| Water proof                     | Longitudinal & radial |

## パフォーマンス宣言

UG LSZH 12xSM G657A1 SP1884 BK pdf — 119.78 KB [ダウンロード ↓](#)

## 販売および配送情報

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.

## Standard Marking

Aginode - FIBRE OPTIC CABLE - UG LSZH Cca s1a d1 a1 SP1884 - XXxYY - FB - TN - metric

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

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