

# Riser - Microbundle cables Cca

MB-CCA LSZH 12X12SM G657A2 SP1898

Multi Micro-bundles cable - up to 144 fibres

This multi micro-bundles cable is designed for indoor installation and offers easy extraction of the units as a riser cable

This cable has an outstanding fire behaviour and can be operated under a large temperature range.

## Design

The cable has a radial strengthmember design and contains 12 units with 12 fibres in each..

Micro-bundle pullback can be operated on 6m.

## Fibre type

This cable is available with singlemode and multimode fibres.

## Technical performances

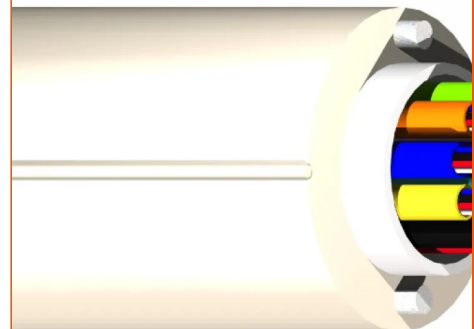
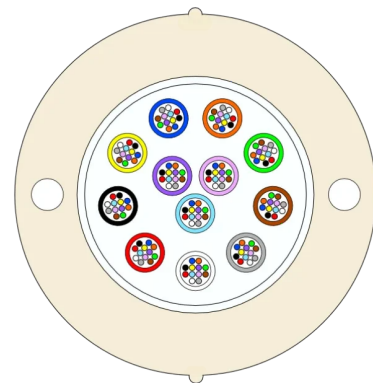
The multibundle cable performances are specified in the following tables.

## Additional details

This cable is provided as a standard with an ivory sheath, other sheath colours are also available. Long exposure to UV with other colours could generate colour fading.

## Euroclass

Cca s1a d0 a1



## STANDARDS

EN 50399  
IEC 60332-1  
IEC 60332-3  
IEC 60754-1  
IEC 60794  
IEC 61034

\* 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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## Characteristics

### Construction characteristics

|                   |              |
|-------------------|--------------|
| Colour            | Ivory        |
| Fiber optic type  | SM (G657.A2) |
| Outer sheath      | LSZH         |
| Halogen free      | IEC 60754-1  |
| Metal free        | Yes          |
| Strength member   | Embedded FRP |
| Construction type | Multibundle  |

### Dimensional characteristics

|                                 |           |
|---------------------------------|-----------|
| Number of tubes                 | 12        |
| Approximate weight              | 148 kg/km |
| Number of optical fibres        | 144       |
| Cable Diameter, range           | ... mm    |
| Number of optical fibres, range | 24...144  |
| Nominal outer diameter (mm)     | 11.2 mm   |

### Mechanical characteristics

|                                   |                     |
|-----------------------------------|---------------------|
| Mechanical resistance to impacts  | 10 impacts of 1 N.m |
| Maximum permanent tensile load    | 0.2 kN              |
| Crush resistance (IEC 60794-1-E3) | 100 N/cm            |
| Maximum installation tension      | 700 N               |

### Usage characteristics

|   |             |
|---|-------------|
| Operating temperature, range            | -20...60 °C |
| Minimum static operating bending radius | 150 mm      |
| Flame retardant                         | IEC 60332-1 |
| Smoke density                           | IEC 61034-2 |
| Storage temperature, range              | -40...60 °C |
| Installation type                       | Indoor      |
| Installation temperature, range         | 0...40 °C   |

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## パフォーマンス宣言

MB-Cca LSZH 12x12SM G657A2 SP1898 pdf — 119.78 KB [ダウンロード ↓](#)

## 販売および配送情報

## Standard Marking

Aginode - FIBRE OPTIC CABLE - MB-C LSZH Cca s1 d0 a1 SP1898 - XXxYY - FB - TN - metric

XX = Fibre Count

YY = Fibre Type

FB = Frameries, Belgium (manufacturing place)

TN = Traceability Number