

Distribution - Microbundle cables Cca

MB LSZH 2X12SM G657A2 SP1880 IV

Aginode Ref: 10574266

Multi Micro-bundles cable - 24 fibres

This multi micro-bundles cable is designed for indoor/outdoor usage and can be installed by pulling or blowing thanks to a low friction LSZH outersheath (typical blowing distance 500m)

This cable has an outstanding fire behaviour.

This cable can be operated under a large temperature range.

Design

The MB LSZH* SP1880 cable has a central strength member (FRP : Fibre Reinforced Plastic), with max. 12 bundles of 12 fibres each. The design is reinforced by a layer of glass yarns and a LSZH* sheath.

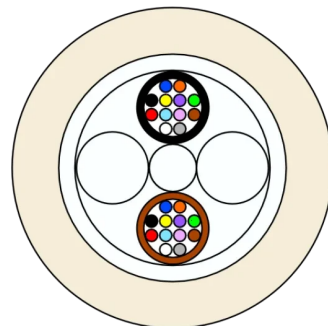
Fibre type

The MB LSZH* SP1880 cable is available with singlemode and multimode fibres.

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

MB LSZH 2x12SM G657A2 SP1880 IV

Characteristics

Construction characteristics

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

Dimensional characteristics

| | |
|---------------------------------|--------------|
| Number of tubes | 2 |
| Approximate weight | 35 kg/km |
| Number of optical fibres | 24 |
| Cable Diameter, range | 5.9...9.3 mm |
| Number of optical fibres, range | 12...144 |
| Nominal outer diameter (mm) | 5.9 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 | 1000 N |

Usage characteristics

| | |
|-----------------------------------------|-------------|
| Operating temperature, range | -20...60 °C |
| Fire retardant | IEC 60332-3 |
| Minimum static operating bending radius | 90 mm |
| Flame retardant | IEC 60332-1 |
| Smoke density | IEC 61034-2 |
| U.V resistance | Very good |

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.

| | |
|---------------------------------|----------------|
| Storage temperature, range | -40...60 °C |
| Laying operation bending radius | 120 mm |
| Installation type | Indoor/Outdoor |
| Installation temperature, range | 0...40 °C |
| Water proof | Radial |

パフォーマンス宣言

MB LSZH 2x12SM G657A2 SP1880 IV pdf — 119.68 KB [ダウンロード ↓](#)

販売および配送情報

Standard Marking

Aginode - FIBRE OPTIC CABLE - MB LSZH Cca s1 d1 a1 SP1880 - XXxYY - FB - TN - metric

XX = Fibre Count

YY = Fibre Type

FB = Frameries, Belgium (manufacturing place)

TN = Traceability Number