

# Distribution - Microbundle cables Cca

MB LSZH 4X12SM G657A1 SP1880 BK (CC1/N)

**Aginode Ref:** 10569870

Multi Micro-bundles cable - 48 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.

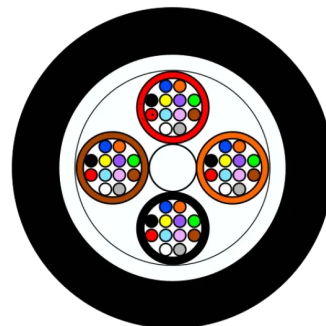
## Fibre type

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

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	Black
Fiber optic type	SM (G657.A1)
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	4
Approximate weight	35 kg/km
Number of optical fibres	48
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

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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 4x12SM G657A1 SP1880 BK (CC1/N) pdf — 120.26 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