

# Distribution - Microbundle cables Cca

MB LSZH 12X12SM G657A2 SP1880 IV (N)

Multi Micro-bundles cable - up to 96 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. 8 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.

## Technical performances

The multibundle cable performances are specified in the following tables.

## Additional details

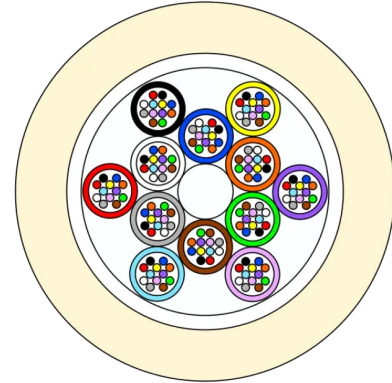
This cable is provided as a standard with a black sheath, other sheath colours are also available. Long exposure to UV with these other colours could generate colour fading.

## Euroclass

B2ca s1 d0 a1

\* 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.



## STANDARDS

EN 50399  
IEC 60332-1  
IEC 60754-1  
IEC 60794  
IEC 61034  
NF C32-070/C2

# MB LSZH 12x12SM G657A2 SP1880 IV (N)

## Eigenschaften

### Konstruktionsmerkmale

Farbe	Ivory
Fasertyp	SM (G657.A2)
Außenmantel	LSZH
Halogenfrei	IEC 60754-1
Metallfrei	Yes
Zugentlastungselement	Central FRP
Leitungsaufbau	Multibundle
Additional strength member	Glass yarn

### Abmessungsmerkmale

Anzahl der Bündel	12
Nettogewicht ca.	86 kg/km
Anzahl der optischen Fasern	144
Durchmesser, Bereich	5.9...9.3 mm
Anzahl der optischen Fasern, Bereich	12...144
Außendurchmesser, nom.	9.3 mm

### Mechanische Eigenschaften

Mechanische Festigkeit gegen Schläge	10 impacts of 1 N.m
Maximalzulässige Dauerzuglast	0.45 kN
Querdruckwiderstand (IEC 794-1-E3)	100 N/cm
Maximale Zugspannung bei Installation	1750 N

### Anwendungsmerkmale

Betriebstemperatur	-20...60 °C
flammwidrig	IEC 60332-3
Mindestbiegeradius bei statischem Einsatz	150 mm
Flammwidrig	IEC 60332-1
Rauchdichte	IEC 61034-2
UV Beständigkeit	Very good
Lagertemperatur, Bereich	-40...60 °C
Biegeradius während Verlegung	200 mm

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Art der Installation

Indoor/Outdoor

Umgebungstemperatur, Bereich

0..40 °C

Wasserdicht

Radial

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