

Distribution - Microbundle cables Cca

MB LSZH 4X12SM G657A2 SP1880 BK

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 4 bundles of 12 fibres around. The design is reinforced by a layer of glass yarns and a LSZH* sheath.

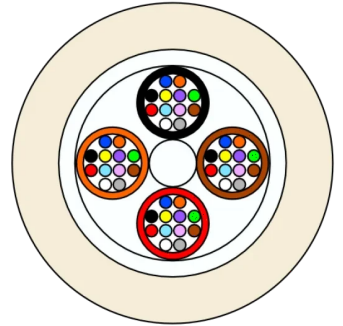
Technical performances

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.

* LSZH: Low Smoke Zero Halogen.



STANDARDS

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

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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	4
Nettogewicht ca.	35 kg/km
Anzahl der optischen Fasern	48
Durchmesser, Bereich	5.9...9.3 mm
Anzahl der optischen Fasern, Bereich	12...144
Außendurchmesser, nom.	5.9 mm

Mechanische Eigenschaften

Mechanische Festigkeit gegen Schläge	10 impacts of 1 N.m
Maximalzulässige Dauerzuglast	0.2 kN
Querdruckwiderstand (IEC 794-1-E3)	100 N/cm
Maximale Zugspannung bei Installation	1000 N

Anwendungsmerkmale

Betriebstemperatur	-20...60 °C
flammwidrig	IEC 60332-3
Mindestbiegeradius bei statischem Einsatz	90 mm
Flammwidrig	IEC 60332-1
Rauchdichte	IEC 61034-2
UV Beständigkeit	Very good
Lagertemperatur, Bereich	-40...60 °C
Biegeradius während Verlegung	120 mm

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Art der Installation

Indoor/Outdoor

Umgebungstemperatur, Bereich

0..40 °C

Wasserdicht

Radial

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