

Railways - Multibundle K209 cables

MBC K209B LSZH 24X12SM G657A1 SP1921 BK

Aginode Ref: 10562651

Multi Micro-bundles cable with corrugated steel armour - 288 fibres

This multi micro-bundles cable is designed for indoor/outdoor installation in railways infrastructure.

The corrugated steel armour provides a high rodent protection. This cable has an outstanding fire behaviour.

Access to μ bundles is made easy with the internal ripcord.

This cable can be operated under a large temperature range.

Design

The MBC LSZH SP1921 cable has a central strength member (FRP : Fibre Reinforced Plastic), with 24 bundles around integrating 12 fibres each. The design is reinforced by a first layer of watertight glass, a LSZH* inner sheath, a second layer of watertight glass yarns, a corrugated steel armour and a LSZH* outer sheath.

Technical performances

The multibundle cable performances are specified in the following tables.

Euroclass

B2^{ca} S1a a1 d0

* LSZH: Low Smoke Zero Halogen.



STANDARDS

EN 50399 B2
IEC 60331-2
IEC 60332-1
IEC 60332-3
IEC 60754-1
IEC 60794
IEC 61034
NF C32-070/C1

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Characteristics

结构特性

颜色	黑
光纤类型	SM (G.652D)
铠装类型	皱纹钢
外护套	低烟无卤
无卤	IEC 60754-1
长度水密封性所用材料	膨胀纱
不含金属	No
加强构件	FRP中心加强件
结构类型	多束管
额外加强件	玻璃纱

尺寸特性

管数	24
近似重量	330 kg/km
光纤数	288
标称外径	16.7 mm

机械特性

机械耐冲击性能	3次冲击/ N.M
最大长期拉力负载	3.4 kN
耐挤压 (IEC 794-1-E3)	200 N/cm
最大安装拉力	5700 N

传输特性

成缆后最大衰减, 1310nm	0.36 dB/1000m
成缆后最大衰减, 1550nm	0.23 dB/1000m

使用特性

防啮齿保护	波纹钢带
操作温度, 范围	-30...60 °C
阻燃	IEC 60332-3

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最小弯曲半径 - 静态	330 mm
阻燃 - 火焰	IEC 60332-1
烟密度	IEC 61034-2
抗UV	好
存储温度范围	-30...70 °C
敷设操作弯曲半径	420 mm
安装类型	室内/户外
Installation temperature, range	-5...60 °C
防水	纵向和径向

业绩声明

MBC K209B LSZH 24x12SM G657A1 SP1921 BK pdf — 119.68 KB 下载 ↓

销售和交付信息

Standard Marking

Aginode - FIBRE OPTIC CABLE - MBC LSZH SPxxxx - XXxYY - FB - TN - metric

XX = Fibre Count YY = Fibre Type FB = Frameries, Belgium (manufacturing place) TN = Traceability Number