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 µbundles is made easy with the internal ripcord.

This cable can be operated under a large temperature range.



STANDARDS

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

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 steath.

Technical performances

The multibundle cable performances are specified in the following tables.

Euroclass

$B2^{ca}$ S1a a1 d0

* 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.

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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

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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

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