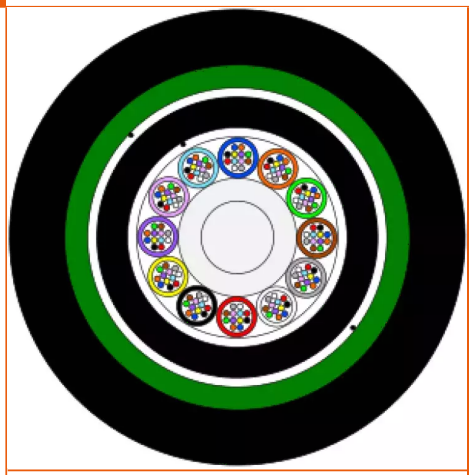
Railways - Multibundle K209 cables

MBC LSZH K209B 4X50/125 OM3 SP1344 BK



Aginode Ref: tdb

Multi Micro-bundles cable with corrugated steel armour - 4 fibres 50x125 OM3

Multi Micro-bundles cable with corrugated steel armour:

SP1344 - up to 36 fibres modulo 6

SP1400 - up to 48 fibres modulo 6

SP1349 - up to 72 fibres modulo 12

SP1757 - up to 96 fibres modulo 12

SP1758 - up to 144 fibres modulo 12

SP1921 - up to 288 fibres modulo 12

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* cable has a central strength member (FRP : Fibre Reinforced Plastic), with bundles (maximum 6 fibres per bundle) around. 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.

Fibre type

The MBC LSZH* cable is available with singlemode and multimode fibres.

Technical performances

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.

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.

The sheathing material is compliant with ISO 4892-2 regarding the UV exposure.

The cable is compliant with NFPA - IEEE1202 &UL1685.

Euroclass

$B2^{ca}$ S1a a1 d0

* LSZH: Low Smoke Zero Halogen.

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Characteristics

结构特性	
颜色	黑
光纤类型	OM3 50/125
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	1
近似重量	176 kg/km
光纤数	4
标称外径	11.1 mm
机械特性	
机械耐冲击性能	10次冲击/ N.M
最大长期拉力负载	1.4 kN
耐挤压 (IEC 794-1-E3)	300 N/cm
最大安装拉力	2000 N
使用特性	
防啮齿保护	波纹钢带
操作温度，范围	-20...60 °C
阻燃	IEC 60332-3
最小弯曲半径 - 静态	220 mm
阻燃 - 火焰	IEC 60332-1
烟密度	IEC 61034-2
抗UV	好
存储温度范围	-20...70 °C

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敷设操作弯曲半径	275 mm
安装类型	室内/户外
Installation temperature, range	-20...60 °C
防水	纵向和径向

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