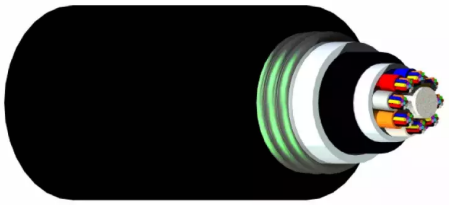
# Railways - Multibundle K209 cables

**MBC K209C LSZH 8X12SM G652D SP1757 BK**

**Aginode Ref:** 10508458

Multi Micro-bundles cable with corrugated steel armour - 96 fibres

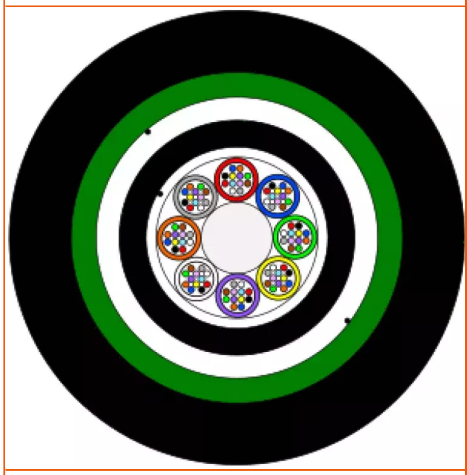


This multi micro-bundles cable is designed for indoor/outdoor installation in railways infrastructure.

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.



## Design

The MBC LSZH SP1757 cable has a central strength member (FRP : Fibre Reinforced Plastic), with 8 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.

## Fibre type

The MBC LSZH* SP1757 cable is available with singlemode.

## 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.

## 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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## Euroclass

B2$^{ca}$ S1a a1 d0

* LSZH: Low Smoke Zero Halogen.

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# MBC K209c LSZH 8x12SM G652D SP1757 BK

## Characteristics

| | |
|---|---|
| **구조적 특성** | |
| 색상 | 검은색 |
| Fiber optic type | SM (G.652D) |
| Armour type | 크레이프 스틸 |
| 피복 | 저연 할로겐 프리 |
| Halogen free | IEC 60754-1 |
| Material used for longitudinal water tightness | 팽창사 |
| Metal free | No |
| Strength member | FRP 센터 보강재 |
| 구조 | 멀티 번들 튜브 |
| Additional strength member | 유리사 |
| **치수** | |
| Number of tubes | 8 |
| 무게(근사치) | 230 kg/km |
| Number of optical fibres | 96 |
| Nominal outer diameter (mm) | 13.7 mm |
| **기계적 특성** | |
| Mechanical resistance to impacts | 10 impacts of 1 N.m |
| Maximum permanent tensile load | 2.65 kN |
| Crush resistance (IEC 60794-1-E3) | 300 N/cm |
| Maximum installation tension | 4000 N |
| **Transmission characteristics** | |
| Attenuation, max. 1310 nm (cabled) | 0.36 dB/1000m |
| Attenuation, max. 1550 nm (cabled) | 0.23 dB/1000m |
| **사용 특성** | |
| Rodent protection | Corrugated steel tape |
| 操作温度范围 | -20...60 °C |
| Fire retardant | IEC 60332-3 |

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| | |
|---|---|
| Minimum static operating bending radius | 270 mm |
| 난연 | IEC 60332-1 |
| 연기밀도 | IEC 61034-2 |
| U.V resistance | Good |
| Storage temperature, range | -20...70 °C |
| Laying operation bending radius | 370 mm |
| Installation type | Indoor/Outdoor |
| Installation temperature, range | -20...60 °C |
| Water proof | Longitudinal & radial |

### 성과 선언

MBC K209c LSZH 8x12SM G652D SP1757 BK pdf — 119.99 KB 다운로드

### 판매 및 배송 정보

## 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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