Drop - Unibundle cables Cca

SC LSZH 6XSM G657A2 WT SP1249

Unibundle cable with watertight glass yarns - 6 fibres

This unibundle cable is designed for indoor/outdoor installation.

This cable has an outstanding fire behaviour.

This cable can be operated under a large temperature range.

Design

The SC LSZH* SP1249 cable has a central bundle with 6 fibres inside. The design is reinforced by a layer of watertight glass yarns and a LSZH* sheath.

Fibre type

The SC LSZH* SP1249 cable is available with singlemode fibres.

Technical performances

The unibundle cable performances are specified in the following tables.

Additional details

This cable is provided with a white sheath. Long exposure to UV with this colour could generate colour yellowing.

* LSZH: Low Smoke Zero Halogen.



STANDARDS

EN 50399

IEC 60332-1

IEC 60332-3

IEC 60754-1

IEC 60794

IEC 61034

NF C32-070/C2

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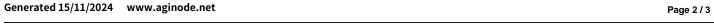
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SC LSZH 6xSM G657A2 WT SP1249

Characteristics

| Co | nstruction characteristics | |
|----|--|------------------------|
| | Colour | White |
| | Fiber optic type | SM (G657.A2) |
| | Outer sheath | LSZH |
| | Halogen free | IEC 60754-1 |
| | Material used for longitudinal water tightness | Watertight glass yarns |
| | Metal free | Yes |
| | Construction type | Unibundle |
| | Additional strength member | Glass yarn |
| Di | mensional characteristics | |
| | Approximate weight | 22 kg/km |
| | Number of optical fibres | 6 |
| | Cable Diameter, range | 3.94.5 mm |
| | Number of optical fibres, range | 112 |
| | Nominal outer diameter | 4.3 mm |
| Me | echanical characteristics | |
| | Mechanical resistance to impacts | 10 impacts of 3 N.m |
| | Maximum permanent tensile load | 0.2 kN |
| | Crush resistance (IEC 60794-1-E3) | 200 N/cm |
| | Maximum installation tension | 750 N |
| Us | age characteristics | |
| | Rodent protection | Glass yarns |
| | Operating temperature, range | -3060 °C |
| | Fire retardant | IEC 60332-3 |
| | Minimum static operating bending radius | 15 mm |
| | Flame retardant | IEC 60332-1 |
| | Smoke density | IEC 61034-2 |
| | U.V resistance | Very good |
| | Storage temperature, range | -4060 °C |
| | Laying operation bending radius | 15 mm |
| | | |

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Installation type Indoor/Outdoor
Installation temperature, range 0...40 °C
Water proof Longitudinal & radial

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