

Drop - Unibundle cables Cca

SC LSZH 1XSM G657A2 WT SP1802

Aginode Ref: 10512515

Unibundle cable with watertight glass yarns - 1 fibre

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* SP1802 cable has a central bundle with 1 fibre inside. The design is reinforced by a layer of watertight glass yarns, aramid yarns and a LSZH* sheath.

Fibre type

The SC LSZH* SP1802 cable is available with a singlemode fibre.

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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Characteristics

Construction 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

Dimensional characteristics

Approximate weight	21 kg/km
Number of optical fibres	1
Cable Diameter, range	3.9...4.5 mm
Number of optical fibres, range	1...12
Nominal outer diameter	3.9 mm

Mechanical characteristics

Mechanical resistance to impacts	10 impacts of 3 N.m
Maximum permanent tensile load	0.1 kN
Crush resistance (IEC 60794-1-E3)	200 N/cm
Maximum installation tension	400 N

Usage characteristics

Operating temperature, range	-30...60 °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	-40...60 °C

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Laying operation bending radius	15 mm
Installation type	Indoor/Outdoor
Installation temperature, range	0...40 °C
Water proof	Longitudinal & radial

Declaration of Performance

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CprRegulation_CE_540411116_19302.pdf pdf — 106.76 KB [Download](#) ↓

Selling & delivery Information

Standard Marking

Aginode - FIBRE OPTIC CABLE - SC LSZH Cca s1a d1 a1 SPXXXX - XXxYY - FB - TN - metric

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