

Drop - Unibundle cables Cca

SC LSZH 2XSM G657A2 WT SP1249

Unibundle cable with watertight glass yarns - 2 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 2 fibres inside. The design is reinforced by a layer of watertight glass yarns and a LSZH* sheath.

Fibre type

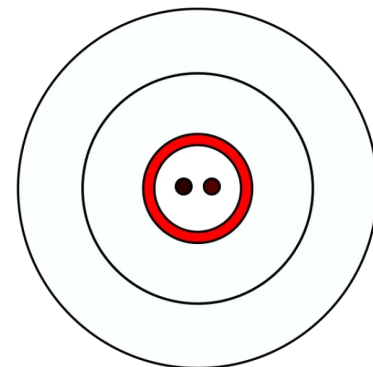
The SC LSZH* SP1249 cable is available with singlemode fibres.

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.



STANDARDS

EN 50399
IEC 60332-1
IEC 60332-3
IEC 60754-1
IEC 60794
IEC 61034
NF C32-070/C2

SC LSZH 2xSM G657A2 WT SP1249

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	2
Cable Diameter, range	3.9...4.5 mm
Number of optical fibres, range	1...12
Nominal outer diameter (mm)	4.1 mm

Mechanical 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

Usage characteristics

Rodent protection	Glass yarns
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
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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