

# Drop - Unibundle cables Cca

SC LSZH 2XSM G657A1 SP1766 WT

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 cable has a central bundle with maximum 12 fibres inside. The design is reinforced by a layer of watertight glass yarns and a LSZH\* sheath.

## Fibre type

The SC LSZH cable is available with singlemode and multimode fibres.

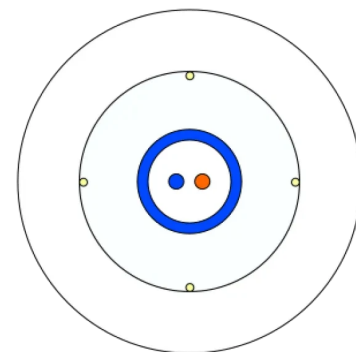
## Technical performances

The unibundle 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 others colours could generate colour fading.

\* 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

# SC LSZH 2xSM G657A1 SP1766 WT

## Characteristics

### Construction characteristics

Colour	White
Fiber optic type	SM (G657.A1)
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	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

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
Installation type	Indoor/Outdoor

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Installation temperature, range

0..40 °C

Water proof

Longitudinal & radial

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