

# 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

# SC LSZH 6xSM 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	22 kg/km
Number of optical fibres	6
Cable Diameter, range	3.9...4.5 mm
Number of optical fibres, range	1...12
Nominal outer diameter	4.3 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

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

Installation type

Indoor/Outdoor

Installation temperature, range

0..40 °C

Water proof

Longitudinal & radial

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*