

# Drop - Unibundle cables B2ca (1 - 12 fibres)

SC LSZH 4XSM G657A1 SP1766 WT

Unibundle cable with watertight glass yarns - 4 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-B2 LSZH\* SP1249 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-B2 LSZH\* SP1249 cable is available with singlemode and multimode fibres.

## Technical performances

The unibundle cable performances are specified in the following tables.

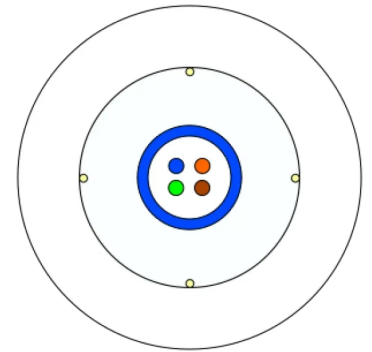
## Additional details

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.

## Euroclass

B2ca s1 d0 a1

\* 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

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.

# SC LSZH 4xSM G657A1 SP1766 WT

## Eigenschaften

### Konstruktionsmerkmale

Farbe	weiss
Fasertyp	SM (G657.A1)
Außenmantel	LSZH
Halogenfrei	IEC 60754-1
Verwendetes Material für Längswasserdichtigkeit	Watertight glass yarns
Metallfrei	Yes
Leitungsaufbau	Unibundle
Additional strength member	Glass yarn

### Abmessungsmerkmale

Nettogewicht ca.	21 kg/km
Anzahl der optischen Fasern	4
Durchmesser, Bereich	3.9...4.5 mm
Anzahl der optischen Fasern, Bereich	1...12
Außendurchmesser, nom.	4.1 mm

### Mechanische Eigenschaften

Mechanische Festigkeit gegen Schläge	10 impacts of 3 N.m
Maximalzulässige Dauerzuglast	0.2 kN
Querdruckwiderstand (IEC 794-1-E3)	200 N/cm
Maximale Zugspannung bei Installation	750 N

### Anwendungsmerkmale

Betriebstemperatur	-30...60 °C
flammwidrig	IEC 60332-3
Mindestbiegeradius bei statischem Einsatz	15 mm
Flammwidrig	IEC 60332-1
Rauchdichte	IEC 61034-2
UV Beständigkeit	Very good
Lagertemperatur, Bereich	-40...60 °C
Biegeradius während Verlegung	15 mm
Art der Installation	Indoor/Outdoor

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Umgebungstemperatur, Bereich

0..40 °C

Wasserdicht

Längs- und quer-