

Drop - Unibundle cables B2ca (1 - 12 fibres)

SC LSZH 2XSM G657A2 WT SP1802

Unibundle cable with watertight glass yarns

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 singlemode and multimode fibres.

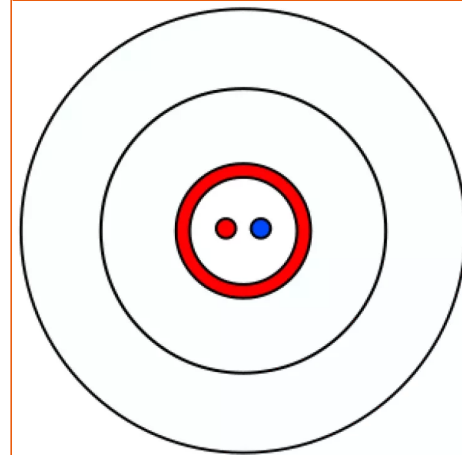
Technical performances

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 G657A2 WT SP1802

Eigenschaften

Konstruktionsmerkmale

Farbe	weiss
Fasertyp	SM (G657.A2)
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	2
Durchmesser, Bereich	3.9...4.5 mm
Anzahl der optischen Fasern, Bereich	1...12
Außendurchmesser, nom.	3.9 mm

Mechanische Eigenschaften

Mechanische Festigkeit gegen Schläge	10 impacts of 3 N.m
Maximalzulässige Dauerzuglast	0.1 kN
Querdruckwiderstand (IEC 794-1-E3)	200 N/cm
Maximale Zugspannung bei Installation	400 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-