

Distribution - Unibundle cables Dca

UB LSZH 12XSM G657A1 SP1309 BK

Aginode Ref: 10509203

Unibundle cable up to 12 fibres

This unibundle cable is designed for indoor/outdoor installation.

This cable has an outstanding fire behaviour.

Access to the tube is made easy with the internal ripcord.

This cable can be operated under a large temperature range.

Design

The UB LSZH* SP1309 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 UB LSZH* SP1309 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 other colours could generate colour fading.



STANDARDS

EN 50399 D

IEC 60332-1

IEC 60332-3

IEC 60754-1

IEC 60794

IEC 61034

NF C32-070/C2

Euroclass

Dca S1 d0 a1

* LSZH: Low Smoke Zero Halogen.

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.

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Characteristics

Construction characteristics

Colour	Black
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	45 kg/km
Number of optical fibres	12
Nominal outer diameter	6.0 mm

Mechanical characteristics

Mechanical resistance to impacts	10 impacts of 3 N.m
Maximum permanent tensile load	0.7 kN
Crush resistance (IEC 60794-1-E3)	200 N/cm
Maximum installation tension	2200 N

Usage characteristics

Operating temperature, range	-30...70 °C
Fire retardant	IEC 60332-3
Minimum static operating bending radius	60 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	60 mm
Installation type	Indoor/Outdoor

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Installation temperature, range

0...40 °C

Water proof

Longitudinal & radial

Declaration of Performance

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CprRegulation_CE_540326075_16402.pdf pdf — 106.49 KB [Download](#) ↓

Selling & delivery Information

Standard Marking

Aginode - FIBRE OPTIC CABLE - UB LSZH Dca s1 d1 a1 SP1309 - XXxYY - FB - TN - metric

XX = Fibre Count YY = Fibre Type FB = Frameries, Belgium (manufacturing place) TN = Traceability Number