

Distribution - Tight cables Cca

TBU LSZH 12XSM G657A1 SP1857 BK

Aginode Ref: 10537917

Tight Buffer cable from 2 to 24- fibres

This tight buffer cable is designed for indoor/outdoor installation.

This cable has an outstanding fire behaviour.

Direct connectorization is made easy with 900µm buffered structure.

This cable can be operated under a large temperature range.

Design

The TBU LSZH* SP1857 cable has a central strength member (FRP: Fibre Reinforced Plastic), with 12 900µm buffered structure around. The design is reinforced by a layer of glass yarns and a LSZH* sheath.

Fibre type

The TBU LSZH* SP1857 cable is available with multimode and singlemode fibres.

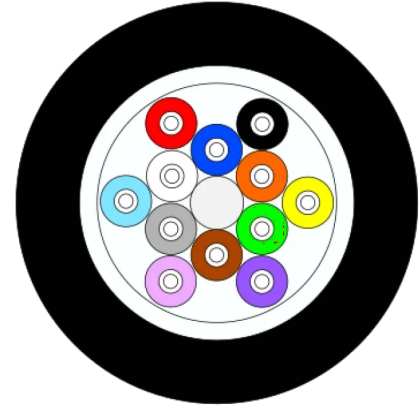
Technical performances

The tight buffer 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.

* LSZH: Low Smoke Zero Halogen.



STANDARDS

EN 50399 B2
IEC 60332-1
IEC 60332-3
IEC 60754-1
IEC 60794
IEC 61034
NF C32-070/C1

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Characteristics

Construction characteristics

Colour	Black
Fiber optic type	SM (G657.A1)
Outer sheath	LSZH
Halogen free	IEC 60754-1
Metal free	Yes
Strength member	Central FRP
Construction type	Multi Tight
Additional strength member	Glass yarn

Dimensional characteristics

Approximate weight	47 kg/km
Number of optical fibres	12
Cable Diameter, range	... mm
Number of optical fibres, range	...
Nominal outer diameter	8.4 mm

Mechanical characteristics

Mechanical resistance to impacts	10 impacts of 3 N.m
Maximum permanent tensile load	0.3 kN
Crush resistance (IEC 60794-1-E3)	100 N/cm
Maximum installation tension	1100 N

Usage characteristics

Operating temperature, range	-20...70 °C
Fire retardant	IEC 60332-3
Minimum static operating bending radius	65 mm
Flame retardant	IEC 60332-1
Smoke density	IEC 61034-2
U.V resistance	Very good
Storage temperature, range	-40...70 °C

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Laying operation bending radius	100 mm
Installation type	Indoor/Outdoor
Installation temperature, range	0...40 °C
Water proof	Radial

Declaration of Performance

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Selling & delivery Information

Standard Marking

Aginode - FIBRE OPTIC CABLE - TBU LSZH Cca s1a d1 a1 SP1857 - XXxYY - FB - TN - metric

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