

Distribution - Tight cables Dca

TBU LSZH 12X50/125 OM3 SP1724 BK

Aginode Ref: 10239194

Tight Buffer cable - up 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* SP1724 cable has a central strength member (FRP: Fibre Reinforced Plastic), with 900µm buffered structure around. The design is reinforced by a layer of glass yarns and a LSZH* sheath.

Fibre type

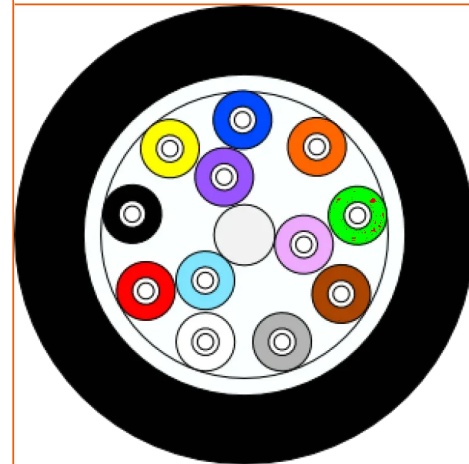
The TBU LSZH* SP1724 cable is available with singlemode and multimode fibres.

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.



STANDARDS

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

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.

Euroclass

Dca S1 d0 a1

* LSZH: Low Smoke Zero Halogen.

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Eigenschaften

Konstruktionsmerkmale

Farbe	Schwarz
Fasertyp	OM3 50/125
Außenmantel	LSZH
Halogenfrei	IEC 60754-1
Verwendetes Material für Längswasserdichtigkeit	Watertight glass yarns
Metallfrei	Yes
Zugentlastungselement	Central FRP
Leitungsaufbau	Multi Tight
Additional strength member	Glass yarn

Abmessungsmerkmale

Nettogewicht ca.	47 kg/km
Anzahl der optischen Fasern	12
Durchmesser, Bereich	... mm
Anzahl der optischen Fasern, Bereich	...
Außendurchmesser, nom.	6.5 mm

Mechanische Eigenschaften

Mechanische Festigkeit gegen Schläge	10 impacts of 3 N.m
Maximalzulässige Dauerzuglast	0.3 kN
Querdruckwiderstand (IEC 794-1-E3)	100 N/cm
Maximale Zugspannung bei Installation	1000 N

Anwendungsmerkmale

Betriebstemperatur	-40...70 °C
flammwidrig	IEC 60332-3
Mindestbiegeradius bei statischem Einsatz	70 mm
Flammwidrig	IEC 60332-1
Rauchdichte	IEC 61034-2
UV Beständigkeit	Very good

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Lagertemperatur, Bereich	-40...70 °C
Biegeradius während Verlegung	100 mm
Art der Installation	Indoor/Outdoor
Umgebungstemperatur, Bereich	0...40 °C
Wasserdicht	Längs- und quer-

Erklärung zur Leistung

TBU LSZH 12x50/125 OM3 SP1724 BK pdf — 120.61 KB [Herunterladen](#) ↓

Verkauf & Lieferung Informationen

Standard Marking

Aginode - FIBRE OPTIC CABLE - TBU LSZH Dca s1 d0 a1 SP1724 - XXxYY - FB - TN - metric

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