

# Distribution - Tight cables Dca

TBU LSZH 12X50/125 OM3 SP1724 BK

**Aginode Ref:** 10239194

Tight Buffer cable - 12 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 12 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 multimode and singlemode fibres.

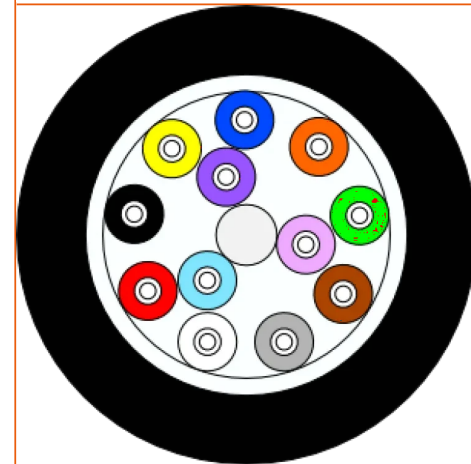
## Technical performances

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 D  
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	OM3 50/125
Outer sheath	LSZH
Halogen free	IEC 60754-1
Material used for longitudinal water tightness	Watertight glass yarns
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 (mm)	6.5 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	1000 N

### Usage characteristics

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

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Storage temperature, range	-40...70 °C
Laying operation bending radius	100 mm
Installation type	Indoor/Outdoor
Installation temperature, range	0...40 °C
Water proof	Longitudinal & radial

## パフォーマンス宣言

TBU LSZH 12x50/125 OM3 SP1724 BK pdf — 119.8 KB [ダウンロード ↓](#)

## 販売および配送情報

## Standard Marking

Aginode - FIBRE OPTIC CABLE - TBU LSZH Dca s1 d1 a1 SP1724 - XXxYY - FB - TN - metric

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