

# Distribution - Unitube cables Dca

UG LSZH 24X50/125 OM4 SP1891 BK

**Aginode Ref:** 10540987

Unitube cable with lateral strength member - 24 fibres MM 50/125 OM4

This unitube cable is designed for indoor/outdoor installation.

This cable has a good fire behaviour.

This cable can be operated under a large temperature range.

## Design

This UG LSZH SP1891 cable has a design with a central loose tube containing 24 fibers. This structure is surrounded by a layer of reinforcement yarns and two lateral strength members into the LSZH outer jacket.

## Fibre type

The UG LSZH SP1891 cable is available with singlemode and multimode fibers.

## Technical performances

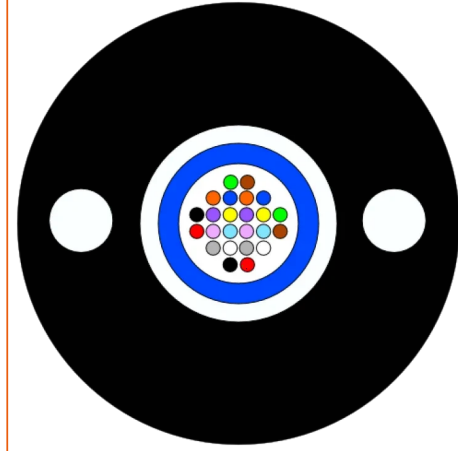
The unitube cable performances are specified in the following tables.

## 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.

## Euroclass

Dca s1 d2 a1



## STANDARDS

EN 50399 D  
IEC 60332-1  
IEC 60754-1  
IEC 60794  
IEC 61034

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.

LSZH: Low Smoke Zero Halogen.

This indoor/outdoor cable has a low smoke emission and is halogen free.

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## Characteristics

### Construction characteristics

Colour	Black
Fiber optic type	OM4 50/125
Halogen free	IEC 60754-1
Material used for longitudinal water tightness	Swellable yarn
Strength member	FRP
Additional strength member	Aramide

### Dimensional characteristics

Approximate weight	45 kg/km
Number of optical fibres	24
Nominal outer diameter (mm)	6.0 mm

### Mechanical characteristics

Mechanical resistance to impacts	3 impacts of 3 N.m
Crush resistance (IEC 60794-1-E3)	200 N/cm
Maximum installation tension	1100 N

### Usage characteristics

Operating temperature, range	-30...60 °C
Flame retardant	IEC 60332-1
U.V resistance	Very good
Storage temperature, range	-40...60 °C
Installation type	Indoor/Outdoor
Installation temperature, range	0...40 °C
Water proof	Longitudinal & radial

## パフォーマンス宣言

UG LSZH 24x50/125 OM4 SP1891 BK pdf — 120.13 KB [ダウンロード](#) ↓

## 販売および配送情報

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## Standard Marking

Aginode - FIBRE OPTIC CABLE - UG LSZH Dca s1 d0 a1 24xSM G657A1 SP1891 - XXxYY - FB - TN - metric

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

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