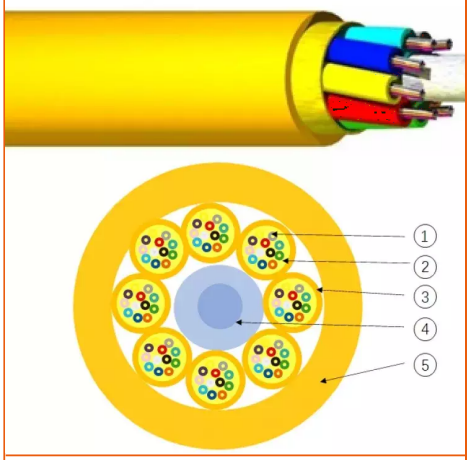
LANmark-OF TB LSZH 48-96C - APAC Region

LANMARK-OF TIGHT BUFFER LSZH OM4 96C AQUA



Aginode Ref: N177.049

Tight buffered optical fibre cables

- Indoor cable designed for backbone/horizontal installation
- All fibre grades
- Low Smoke Zero Halogene (LSZH)

Description and Application

Aginode LANmark-OF TB Indoor fibre cable is designed for indoor applications. The fibre cable has 900µm tight buffered fibres with flame sheath around the transmission medium, and the 900µm sheath provides additional protection for the fibres. The cable is coated with aramid yarns as the strength member, and the outermost layer is coated with LSZH jacket. Bend Insensitive OM3/OM4 and SingleMode G.652.D and G.657.A1 are available.

The fibre cable is of a dry structure suitable for horizontal or vertical installation. The fibre cable meets the needs of indoor fire protection and can be installed in ducts.

• Can be installed both vertically or horizontally

• Applicable as standard multimode and singlemode fibre

• Central FRP strength member

• Up to 8 sub tube, each contain 12c fibres

• LSZH Jacket

• Tight buffered fibre for easy stripping

Construction

Legend accompanying the cross section drawing for 48-96core OF cable:

1. 900µm Tight buffered fibre
2. Aramid yarn
3. Subunit jacket
4. Central FRP Strength member
5. LSZH jacket materials

STANDARDS

ANSI/TIA-568-C.3
IEC 60332-1
IEC 60332-3-24 Cat.C
IEC 60793-2-10
ISO/IEC 11801

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	
Fiber optic type	OM4 50/125
Strength member	Central FRP
Number of tube layer 1	8
Colour	Aqua
Dimensional characteristics	
Number of optical fibres	96
Outer Diameter	20.7 mm
Mechanical characteristics	
Mechanical resistance to impacts (IEC 60794-1-E4)	100 impacts of 1 N.m
Maximum pulling force (IEC 60794-1-2-E1)	1500 N
Crush resistance (IEC 60794-1-E3)	1000 N/100mm
Usage characteristics	
Installation temperature, range	0...40 °C
Storage temperature, range	-30...70 °C
Operating temperature, range	-20...60 °C
Minimum dynamic operating bending radius	414.0 mm
Minimum static operating bending radius	207 mm

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