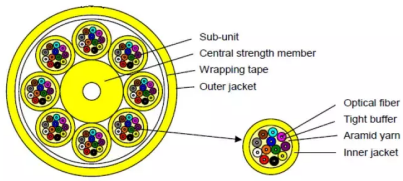
essential-OF TB LSZH 48-96C - APAC Region

ESSENTIAL-OF TIGHT BUFFER LSZH SM G.652.D 48C YELLOW

Aginode Ref: N274.TBIN48Y

Tight buffered optical fibre cables

- Indoor cable designed for backbone/horizontal installation
- Available in OM3 and SingleMode G.652.D
- Outer Jacket is Low Smoke Zero Halogene (LSZH)



Description and Application

Essential-OF TB Indoor fibre cable is designed for indoor applications especially for building. The fibre cable has 900?m tight buffered fibres. The cable is coated with aramid yarns, and the outer jacket is LSZH with good fire performance. Essential-OF TB is available for Bend Insensitive OM3 and SingleMode G.652.D.

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

• LSZH Jacket

• Tight buffered fibre

STANDARDS

ANSI/TIA-568-C.3
IEC 60332-1
IEC 60332-3-24
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.

essential-OF Tight Buffer LSZH SM G.652.D 48C YELLOW

Characteristics

Construction characteristics	
Fiber optic type	SM (G.652)
Colour	Yellow
Dimensional characteristics	
Number of optical fibres	48
Outer Diameter	14.8 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	-20...60 °C
Operating temperature, range	-20...60 °C
Minimum dynamic operating bending radius	296 mm
Minimum static operating bending radius	148 mm

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