

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

ESSENTIAL-OF TIGHT BUFFER LSZH SM G.652.D 96C YELLOW

**Aginode Ref:** N274.TBIN96Y

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

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## Characteristics

### Construction characteristics

|                  |            |
|------------------|------------|
| Colour           | Yellow     |
| Fiber optic type | SM (G.652) |

### Dimensional characteristics

|                          |         |
|--------------------------|---------|
| Number of optical fibres | 96      |
| Outer Diameter           | 20.7 mm |

### Mechanical characteristics

|   |                      |
|---|----------------------|
| Crush resistance (IEC 60794-1-E3)                 | 1000 N/100mm         |
| Maximum pulling force (IEC 60794-1-2-E1)          | 1500 N               |
| Mechanical resistance to impacts (IEC 60794-1-E4) | 100 impacts of 1 N.m |

### Usage characteristics

|  |             |
|--|-------------|
| Installation temperature, range          | 0...40 °C   |
| Minimum dynamic operating bending radius | 414 mm      |
| Minimum static operating bending radius  | 207 mm      |
| Operating temperature, range             | -20...60 °C |
| Storage temperature, range               | -20...60 °C |