

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

## ESSENTIAL-OF TIGHT BUFFER LSZH BI OM3 72C ORANGE

**Aginode Ref:** N275.TBIN720

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  
IEC 60793-2-10  
ISO/IEC 11801

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## Caractéristiques

### Caractéristiques de construction

Couleur	Orange
Type de fibres optiques	OM3 50/125

### Caractéristiques dimensionnelles

Nombre de fibres optiques	72
Diamètre extérieur	17.5 mm

### Caractéristiques mécaniques

Crush resistance (IEC 60794-1-E3)	1000 N/100mm
Maximum pulling force (IEC 60794-1-2-E1)	1500 N
Résistance mécanique aux chocs (IEC 60794-1-E4)	100 impacts of 1 N.m

### Caractéristiques d'utilisation

Température ambiante d'installation, plage	0...40 °C
Rayon de courbure minimum en utilisation dynamique	350 mm
Rayon de courbure minimum en utilisation statique	175 mm
Température ambiante d'utilisation, plage	-20...60 °C
Température de stockage, plage	-20...60 °C