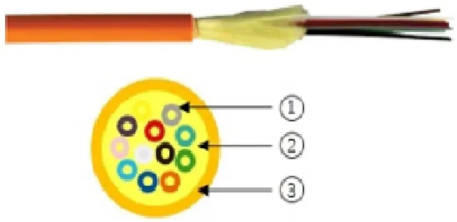
LANmark-OF Indoor Tight Buffer optical fiber cables LSZH GB31247-B1 4-24C

INDOOR 8F TIGHT BUFFER OPTICAL FIBER CABLES LSZH GB31247-B1, OM3

Aginode Ref: N175.023GB1

- Tight Buffer optical fiber cables
- Indoor cable
- Aramid yarns for ease of installation
- Design for direct termination and splicing
- 8 fiber
- Multimode OM3
- Flame Retardant complies with GB31247-B1



STANDARDS

ANSI/TIA-568-C.3
GB 31247
IEC 60793-2-10
ISO/IEC 11801

Application

The LANmark-OF Tight buffer Indoor cable has 900um buffered fibres. This second coating till 900um provides additional protection of the fibres and facilitates the handling when terminating the fibres in a patch panel. The easy strip tight buffer design allows stripping the fibre over 10cm in one action.
The LANmark-OF Tight buffer Indoor cable is most suitable for direct termination by either anaerobic or hot melt connectors. The tight buffered fibres can also be terminated with splicing of pigtails.
The dry structure of the LANmark-Of Tight Buffer Indoor cable allows both vertical and horizontal installations. It complies with GB31247-B1(d0,t0,a1) flame retardant. The cables can also be installed in a duct by pulling.

Construction

Legend accompanying the cross section drawing:

1. Optical fibre (900 um)
2. Aramid Yarn
3. LSZH Outer sheath

CHARACTERISTICS

- Mechanical resistance to impacts: IEC 60794-1
- Crush resistance: IEC 60794-1
- Flame Retardant: GB31247-B1 (d0,t0,a1)
- Installation temperature: -20 - 60°C
- Operating temperature: -20 - 60°C
- Storage temperature: -20 - 60°C
- Fiber Bending Insensitive(only for BI fibers): IEC 60792-2-10

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Caractéristiques

Caractéristiques de construction	
Couleur	Orange
Type de fibres optiques	OM3 50/125
Caractéristiques dimensionnelles	
Diamètre extérieur	6.1 mm
Nombre de fibres optiques	8
Caractéristiques mécaniques	
Résistance mécanique aux chocs (IEC 60794-1-E4)	100 impacts of 1 N.m
Crush resistance (IEC 60794-1-E3)	1000 N/100mm
Maximum pulling force (IEC 60794-1-2-E1)	660 N
Caractéristiques d'utilisation	
Température ambiante d'utilisation, plage	-20...60 °C
Rayon de courbure minimum en utilisation dynamique	122.0 mm
Rayon de courbure minimum en utilisation statique	61 mm
Température de stockage, plage	-20...60 °C
Température ambiante d'installation, plage	-20...60 °C