

LANmark-OF TB OFNP 2-48C - APAC Region

LANMARK-OF TIGHT BUFFER INDOOR 48X SINGLEMODE 9/125 G.657.A1 PLENUM, OFNP

Aginode Ref: N17A.037NP

- Tight Buffer Indoor optical fiber cables Indoor cable
- Aramid yarns for ease of installation
- Design for direct termination and splicing
- 48 fibers
- Bending Insensitive Fibers for SingleMode OS2 G.657.A1 cables

Application

The LANmark-OF Tight buffer Indoor has 900 um buffered fibres. This second coating till 900 um 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 10 cm in one action. The LANmark-OF Tight buffer Indoor 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 allows both vertical and horizontal installations. It complies with the indoor fibre requirements. 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 Yarns
3. Outer sheath in PVC OFNP material



STANDARDS

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

LANmark-OF Tight Buffer Indoor 48x Singlemode 9/125 G.657.A1 Plenum, OFNP

Characteristics

Construction characteristics

Colour	Yellow
Fiber optic type	SM (G657.A1)

Dimensional characteristics

Outer Diameter	14.4 mm
Weight	175 g
Number of optical fibres	48

Mechanical characteristics

Mechanical resistance to impacts (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)	1320 N

Usage characteristics

Operating temperature, range	-20...60 °C
Minimum dynamic operating bending radius	288.0 mm
Minimum static operating bending radius	144 mm
Storage temperature, range	-30...70 °C
Installation temperature, range	0...40 °C