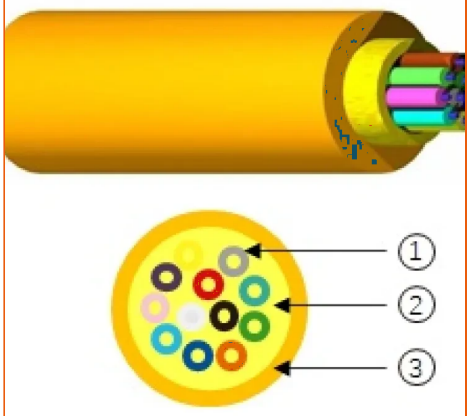
LANmark-OF TB OFNP 2-48C - APAC Region

LANMARK-OF TIGHT BUFFER INDOOR 36X SINGLEMODE 9/125 G.657.A1 PLENUM, OFNP



Aginode Ref: N17A.034NP

- Tight Buffer Indoor optical fiber cables Indoor cable
- Aramid yarns for ease of installation
- Design for direct termination and splicing
- 36 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 36x Singlemode 9/125 G.657.A1 Plenum, OFNP

Characteristics

Construction characteristics	
Colour	Yellow
Fiber optic type	SM (G657.A1)
Dimensional characteristics	
Outer Diameter	14.5 mm
Weight	200 g
Number of optical fibres	36
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)	660 N
Usage characteristics	
Operating temperature, range	-20...60 °C
Minimum dynamic operating bending radius	290.0 mm
Minimum static operating bending radius	145 mm
Storage temperature, range	-30...70 °C
Installation temperature, range	0...40 °C