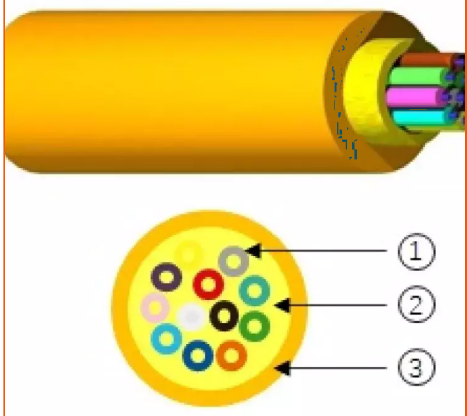
# LANmark-OF TB OFNP 2-48C - APAC Region

**LANMARK-OF TIGHT BUFFER INDOOR 48X MULTIMODE 50/125 BI OM3 PLENUM, OFNP**




**Aginode Ref:** N175.037NP

- 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 OM3

## 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

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*

# LANmark-OF Tight Buffer Indoor 48x Multimode 50/125 BI OM3 Plenum, OFNP

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Fiber optic type | OM3 50/125 |
| Colour | Orange |
| **Dimensional characteristics** | |
| Number of optical fibres | 48 |
| Outer Diameter | 14.4 mm |
| Weight | 175 g |
| **Mechanical characteristics** | |
| Mechanical resistance to impacts (IEC 60794-1-E4) | 100 impacts of 1 N.m |
| Maximum pulling force (IEC 60794-1-2-E1) | 1320 N |
| Crush resistance (IEC 60794-1-E3) | 1000 N/100mm |
| **Usage characteristics** | |
| Installation temperature, range | 0...40 °C |
| Storage temperature, range | -30...70 °C |
| Operating temperature, range | -20...60 °C |
| Minimum dynamic operating bending radius | 288.0 mm |
| Minimum static operating bending radius | 144 mm |

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