

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

LANMARK-OF TIGHT BUFFER INDOOR 36X SINGLEMODE 9/125 G.652.D PLENUM, OFNP

**Aginode Ref:** N174.034NP

- Tight Buffer Indoor optical fiber cables Indoor cable
- Aramid yarns for ease of installation
- Design for direct termination and splicing
- 36 fibers

## 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.652.D Plenum, OFNP

## Characteristics

### Construction characteristics

|                  |             |
|------------------|-------------|
| Colour           | Yellow      |
| Fiber optic type | SM (G.652D) |

### 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   |