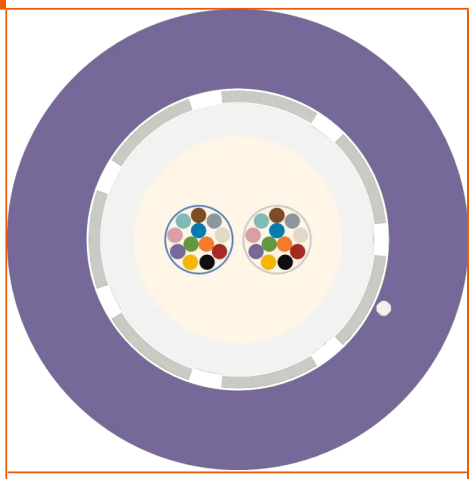
# LANmark-OF Loose Tube Universal 6-12 and 24FO - Dca

**LANMARK-OF LOOSE TUBE UNIVERSAL 24XMULTIMODE 50/125 OM4 LSZH DCA VIOLET**



**Aginode Ref:** N167.LTUN24-VD

- Loose Tube Universal optical fibre cable with high level transmission : OM4
- Good fire behavior : reaction to fire Dca according to EN50575:2014+A1:2016
- Indoor/Outdoor cable
- Designed for splicing with pigtails

The new 24FO OM4 Loose Tube technology from Aginode is specifically engineered for both indoor and outdoor installations where high performance and fire safety are essential. Designed with a loose tube construction, it offers reliable protection for fibers against mechanical stresses and environmental factors.

- **CPR (Dca–s2, d1, a1)**: Low fire propagation, reduced smoke emission, minimal toxic gas release.
- **Loose Tube Construction**: Excellent fiber protection against mechanical stress and temperature variations.
- **Indoor & Outdoor Applications:** Ideal for structured cabling in residential, commercial, and public buildings, as well as outdoor environments.
- **High Performance OM4** : Reliable, high-speed data transmission over medium long distances.
- **Flexible and Robust**: Easy to install in ducts, conduits, and technical spaces.

The central tube contains till 24 fibers well identified to make installation easy and simple.

**Applications :**

- Building backbone networks
- Data centers
- Outdoor installations

## STANDARDS

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 Loose Tube Universal 24xMultimode 50/125 OM4 LSZH Dca Violet

## Characteristics

| | |
|---|---|
| **구조적 특성** | |
| 구조 | 루즈 튜브 |
| Fiber optic type | OM4 50/125 |
| Halogen free | IEC 60754-1 |
| Material used for longitudinal water tightness | Swellable Glass yarns |
| Tube Filling Compound Material | Thixotropic Gel |
| **치수** | |
| Approximate net weight | 56 kg/km |
| Nominal outer diameter (mm) | 6.2 mm |
| Number of optical fibres | 24 |
| Number of tubes | 1 |
| Tube diameter | 2.8 mm |
| **기계적 특성** | |
| Crush resistance (IEC 60794-1-E3) | 2000 N/100mm |
| Maximum installation tension | 2000 N |
| Maximum permanent tensile load | 0.7 kN |
| Maximum pulling force (IEC 60794-1-2-E1) | 2000 N |
| Mechanical resistance to impacts | 10 impacts of 3 N.m |
| **사용 특성** | |
| Fire retardant | IEC 60332-3 |
| 난연 | IEC 60332-1-2 |
| Installation temperature, range | -30...60 °C |
| Minimum dynamic operating bending radius | 160 mm |
| Minimum static operating bending radius | 120 mm |
| 操作温度范围 | -40...70 °C |
| 연기밀도 | EN/IEC 61034-2 |

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| | |
|---|---|
| Storage temperature, range | -40...70 °C |
| U.V resistance | Very good |

## DoP: Declaration of Performance

DOP_LANmark-OF Loose Tube Universal 24xMultimode 50/125 OM4 LSZH Dca Violet.pdf pdf — 59.1 KB 다운로드

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