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

- Loose Tube Universal optical fibre cable
- High fire behavior : reaction to fire Cca according to EN50575:2014+A1:2016
- Indoor/Outdoor cable
- Designed for splicing with pigtails
- Available in 6-12 and 24 fibres
- All fibre grades (OS2 [G.657.A1]-Yellow / OM3-Aqua / OM4-Violet)






LANmark™

## STANDARDS

ISO/IEC 11801

The new Loose Tube technology from Aginode is specifically engineered for both indoor building and outdoor environments where high performance and fire safety are essential. Designed with a loose tube construction, it provides excellent protection for fibers against mechanical stress and environmental factors.

- **CPR Cca Certification**: Low fire propagation, reduced smoke emission, minimal toxic gas release.
- **Loose Tube Gel-Filled Design**: Excellent protection against mechanical stress, water ingress, and temperature variations.
- **Indoor & Outdoor Application:** Ideal for structured cabling in residential, commercial, and public buildings, as well as outdoor environments.
- **High Performance** : Reliable, high-speed data transmission over long distances.
- **Flexible and Robust**: Easy to install in ducts, conduits, and technical spaces.
- **UV-Resistant & Waterproof**: Designed to withstand outdoor conditions when required.

The central tube contains up till 24 fibres with a bundle of 12 fibers well identified to make installation easy and simple.

**Applications :**

- Building backbone networks
- Data centers
- Outdoor installations

*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.*

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## CHARACTERISTICS

| | |
|---|---|
| **Construction characteristics** | |
| Construction type | Loose Tube |
| Halogen free | IEC 60754-1 |
| Jacket material | LSZH Halogen free flame retardant |
| Material used for longitudinal water tightness | Swellable Glass yarns |
| **Mechanical characteristics** | |
| Crush resistance (IEC 60794-1-E3) | 1500 N/100mm |
| Tensile strength | 2000 N |
| **Usage characteristics** | |
| Fire retardant | IEC 60332-3 |
| Flame retardant | IEC 60332-1-2 |
| Gases corrosivity | IEC 60754-2 |
| Installation temperature, range | -30...60 °C |
| Operating temperature, range | -40...70 °C |
| Smoke density | IEC 61034-2 |
| Storage temperature, range | -40...70 °C |
| U.V resistance | Very good |

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## Product list

| Aginode ref. | Country ref. | Name |
|---|---|---|
| N164.LTUN06-YC | - | LANmark-OF Loose Tube Universal 06xSinglemode 9/125 OS2 LSZH Cca Yellow |
| N164.LTUN12-YC | - | LANmark-OF Loose Tube Universal 12xSinglemode 9/125 OS2 LSZH Cca Yellow |
| N164.LTUN24-YC | - | LANmark-OF Loose Tube Universal 24xSinglemode 9/125 OS2 LSZH Cca Yellow |
| N167.LTUN06-VC | - | LANmark-OF Loose Tube Universal 06xMultimode 50/125 OM4 LSZH Cca Violet |
| N167.LTUN12-VC | - | LANmark-OF Loose Tube Universal 12xMultimode 50/125 OM4 LSZH Cca Violet |
| N167.LTUN24-VC | - | LANmark-OF Loose Tube Universal 24xMultimode 50/125 OM4 LSZH Cca Violet |
| N165.LTUN06-AC | - | LANmark-OF Loose Tube Universal 06xMultimode 50/125 OM3 LSZH Cca Aqua |
| N165.LTUN12-AC | - | LANmark-OF Loose Tube Universal 12xMultimode 50/125 OM3 LSZH Cca Aqua |
| N165.LTUN24-AC | - | LANmark-OF Loose Tube Universal 24xMultimode 50/125 OM3 LSZH Cca Aqua |
| N167.LTUN12-AC | - | LANmark-OF Loose Tube Universal 12xMultimode 50/125 OM4 LSZH Cca Aqua |

= Make to order, = In Stock

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