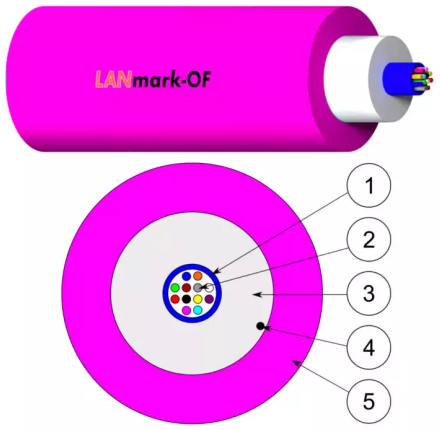
# LANmark-OF Micro-Bundle Universal (6F-12F) Cca

**LANMARK-OF MICRO-BUNDLE UNIVERSAL 12X MULTIMODE 50/125 OM4 LSZH CCA VIOLET**

**Aginode Ref:** N167.MBUN12-VC

- Micro-Bundle Universal optical fibre cable
- Indoor cable and outdoor installation in a duct
- Fully waterproof and rodent retardant
- Designed for splicing with pigtails
- 12 fibres in a micro bundle




## STANDARDS

ISO/IEC 11801

## Description and Application

The new Micro-Bundle technology from Aginode allows to manufacture a very flexible and small tube that is the central part of the new “LANmark-OF Micro-Bundle Universal” cable design. This results in a small, flexible, but mechanical robust cable. The central tube contains up till 12 fibres with a fibre diameter of 250 um. Termination of these fibres is done with splicing with pigtails.

The small bending radius of the Micro-Bundle makes the cable easy to arrange in patch panels and for installations in data centres and backbones.

The watertight glass yarns and the very limited amount of gel inside the tube makes this cable design watertight and suitable for installation outdoor in a duct by pulling.

The fire performance of the LANmark-OF Micro-Bundle Universal allows indoor installation as well. Since there is no drip effect of the very limited amount of gel the cable is optimised for both horizontal and vertical installations.

## Construction

1. Central Micro-Bundle
2. Optical fibres (250 µm)
3. Reinforced watertight glass yarns
4. Ripcord
5. LSZH outer jacket with UV resistant additive

*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.*

## Characteristics

- Micro-Bundle design for easy installation
- Indoor cable for horizontal and vertical installation
- Flame retardant (IEC 60332-1)
- Fire retardant (IEC 60332-3)
- Outdoor cable for installation in a duct
- Designed for termination by splicing
- Central Micro-Bundle design for easy installation
- All dielectric design
- Waterproof structure, Rodent retardant and UV-resistant
- Flame retardant (IEC 60332-1) and fire retardant (IEC 60332-3)
- Available in all fibre grades and 6-12 fibres
- Gas Toxicity (IEC 60754) and Smoke Density (IEC61034)
- Reaction to fire Cca according to EN50575:2014+A1:2016
- Sheath color: Aqua (OM3-OM4), Violet (OM4), Yellow (OS2), Lime Green (OM5)

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# LANmark-OF Micro-Bundle Universal 12x Multimode 50/125 OM4 LSZH Cca Violet

## Characteristics

| | |
|---|---|
| **구조적 특성** | |
| Fiber optic type | OM4 50/125 |
| 피복 | 저연 할로겐 프리 |
| Halogen free | IEC 60754-1 |
| Material used for longitudinal water tightness | Watertight glass yarns |
| Metal free | Yes |
| 구조 | 싱글 번들 튜브 |
| Additional strength member | 유리사 |
| **치수** | |
| 무게(근사치) | 45 kg/km |
| Number of optical fibres | 12 |
| Nominal outer diameter (mm) | 6.0 mm |
| **기계적 특성** | |
| Mechanical resistance to impacts | 10 impacts of 3 N.m |
| Maximum operating pulling force | 700 N |
| Maximum pulling force (IEC 60794-1-2-E1) | 2200 N |
| Crush resistance (IEC 60794-1-E3) | 200 N/cm |
| **사용 특성** | |
| 操作温度范围 | -40...60 °C |
| Fire retardant | IEC 60332-3 |
| Minimum static operating bending radius | 60 mm |
| 난연 | IEC 60332-1 |
| 연기밀도 | IEC 61034-2 |
| U.V resistance | Very good |
| Storage temperature, range | -40...60 °C |
| Laying operation bending radius | 60 mm |

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| | |
|---|---|
| Installation type | Indoor/Outdoor |
| Installation temperature, range | 0...40 °C |
| Water proof | Longitudinal & radial |

## 성과 선언

LANmark-OF Micro-Bundle Universal 12x Multimode 50/125 OM4 LSZH Cca Violet pdf — 141.89 KB 다운로드

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