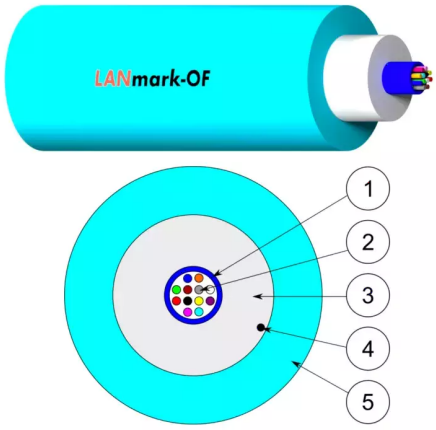
# LANmark-OF Micro-Bundle Universal (6F-12F) Cca

**LANMARK-OF MICRO-BUNDLE UNIVERSAL 6X MULTIMODE 50/125 OM4 LSZH CCA AQUA**

**Aginode Ref:** N167.MBUN06-AC

- Micro-Bundle Universal optical fibre cable
- Indoor cable and outdoor installation in a duct
- Fully waterproof and rodent retardant
- Designed for splicing with pigtails
- 6 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 6x Multimode 50/125 OM4 LSZH Cca Aqua

## Characteristics

| | |
|---|---|
| **结构特性** | |
| 光纤类型 | OM4 50/125 |
| 外护套 | 低烟无卤 |
| 无卤 | IEC 60754-1 |
| 长度水密封性所用材料 | Watertight glass yarns |
| 不含金属 | Yes |
| 结构类型 | 单束管 |
| 额外加强件 | 玻璃纱 |
| **尺寸特性** | |
| 近似重量 | 45 kg/km |
| 光纤数 | 6 |
| 标称外径 | 6.0 mm |
| **机械特性** | |
| 机械耐冲击性能 | 10次冲击/ 3N.M |
| 最大操作抗拉强度 | 700 N |
| 最大拉力(IEC 60794-1-2-E1) | 2200 N |
| 耐挤压 (IEC 794-1-E3) | 200 N/cm |
| **使用特性** | |
| 操作温度，范围 | -40...60 °C |
| 阻燃 | IEC 60332-3 |
| 最小弯曲半径 - 静态 | 60 mm |
| 阻燃 - 火焰 | IEC 60332-1 |
| 烟密度 | IEC 61034-2 |
| 抗UV | 非常好 |
| 存储温度范围 | -40...60 °C |
| 敷设操作弯曲半径 | 60 mm |

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| | |
|---|---|
| 安装类型 | 室内/户外 |
| Installation temperature, range | 0...40 °C |
| 防水 | 纵向和径向 |

## 业绩声明

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