

# LANmark-OF MUN (Module Universal) - Cca

LANMARK-OF MODULE UNIVERSAL 48FO OS2 - CCA

**Aginode Ref:** N164.MUN48-YC

- Micro-Bundle Universal optical fibre cable
- Indoor cable and outdoor installation in a duct
- Fully waterproof and rodent resistant
- LSZH sheath, CPR **Cca** fire-rated for enhanced safety
- Small, but mechanical strong cable
- Designed for splicing with pigtails
- Micro-bundles of 12fibres

The LANmark-OF MUN (Module Universal) cable is designed for **indoor and outdoor** installations, compatible with duct installation. It is optimized for both horizontal and vertical indoor applications thanks to its strict fire performance rating.

## Key features :

**All-dielectric design**, eliminating any conductive materials.

**Jelly-filled micro-modules**, each containing 12 fibres, offering excellent fibre protection and easy identification.

**Available in all standard fibre grades** (e.g., OS2, OM3, OM4).

**Waterproof structure with dry water-swellable glass yarns for optimal water blocking.**

Rodent resistance and UV resistance, ensuring high durability in outdoor environments.

Flame retardant according to IEC 60332-1 and fire retardant according to IEC 60332-3, meeting strict indoor safety requirements.

Compliant with gas toxicity (IEC 60754) and smoke density (IEC 61034) standards, rated Euroclass **Cca-s1,d1,a1** for fire safety.



ISO/IEC 11801

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## Characteristics

### 结构特性

|            |                       |
|------------|-----------------------|
| 结构类型       | 多束管                   |
| 光纤类型       | SM (G657.A1)          |
| 无卤         | 是                     |
| 长度水密封性所用材料 | Swellable Glass yarns |
| 外护套        | 低烟无卤                  |

### 尺寸特性

|                |          |
|----------------|----------|
| 近似重量           | 85 kg/km |
| Cable Diameter | 10 mm    |
| 光纤数            | 48       |

### 机械特性

|                        |              |
|------------------------|--------------|
| 耐压(IEC 60794-1-E3)     | 1000 N/100mm |
| Dynamic bending raidus | 15xcable OD  |
| 最大安装拉力                 | 2700 N       |
| 抗冲击性能(IEC 60794-1-E4)  | 10次冲击/ N.M   |
| Static Bending radius  | 10xcable OD  |

### 使用特性

|                                 |             |
|---------------------------------|-------------|
| 阻燃 - 火焰                         | IEC 60332-1 |
| Installation temperature, range | -5...40 °C  |
| 安装类型                            | 室内/户外       |
| 操作温度, 范围                        | -25...70 °C |
| 烟密度                             | IEC 61034-2 |
| 存储温度范围                          | -40...70 °C |
| 抗UV                             | 非常好         |

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