

LANmark-OF MUN (Module Universal) - Cca

LANMARK-OF MODULE UNIVERSAL 96FO OS2 - CCA

Aginode Ref: N164.MUN96-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

Construction characteristics

| | |
|--|-----------------------|
| Construction type | Multibundle |
| Fiber optic type | SM (G657.A1) |
| Halogen free | Yes |
| Material used for longitudinal water tightness | Swellable Glass yarns |
| Outer sheath | LSZH |

Dimensional characteristics

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|--------------------------|----------|
| Approximate weight | 95 kg/km |
| Cable Diameter | 10.9 mm |
| Number of optical fibres | 96 |

Mechanical characteristics

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|---|---------------------|
| Crush resistance (IEC 60794-1-E3) | 1000 N/100mm |
| Dynamic bending radius | 15xcable OD |
| Maximum installation tension | 2700 N |
| Mechanical resistance to impacts (IEC 60794-1-E4) | 10 impacts of 1 N.m |
| Static Bending radius | 10xcable OD |

Usage characteristics

| | |
|---------------------------------|----------------|
| Flame retardant | IEC 60332-1 |
| Installation temperature, range | -5...40 °C |
| Installation type | Indoor/Outdoor |
| Operating temperature, range | -25...70 °C |
| Smoke density | IEC 61034-2 |
| Storage temperature, range | -40...70 °C |
| U.V resistance | Very good |

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