

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

구조적 특성

구조	멀티 번들 튜브
Fiber optic type	SM (G657.A1)
Halogen free	예
Material used for longitudinal water tightness	Swellable Glass yarns
피복	저연 할로겐 프리

치수

무게(근사치)	85 kg/km
Cable Diameter	10 mm
Number of optical fibres	48

기계적 특성

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

사용 특성

난연	IEC 60332-1
Installation temperature, range	-5...40 °C
Installation type	Indoor/Outdoor
操作温度范围	-25...70 °C
연기밀도	IEC 61034-2
Storage temperature, range	-40...70 °C
U.V resistance	Very good