LANmark-OF MUN (Module Universal) - Cca

LANMARK-OF MODULE UNIVERSAL 48FO OS2 - CCA



ISO/IEC 11801

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 mechancial 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.

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.

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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	
Approximate weight	85 kg/km
Cable Diameter	10 mm
Number of optical fibres	48
Mechanical characteristics	
Crush resistance (IEC 60794-1-E3)	1000 N/100mm
Dynamic bending raidus	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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