LANmark-OF MUN (Module Universal) - Cca

LANMARK-OF MODULE UNIVERSAL 144FO OS2 - CCA



ISO/IEC 11801

Aginode Ref: N164.MUN144-YC

LANmark MUN cable is especially designed for our FTTO installation. Thanks to 12 flexible modules, the cable allow an easy fiber extraction to connect the LANactive switches

- 12 Modules Universal optical fibre cable with High Level of Fire Performance
- Reaction to fire Cca s1a d1 a1 according to EN50575:2014+A1:2016
- Universal installation
- Longitudinal water tightness
- Designed for splicing with pigtails

The **LANmark-OF MUN 144FO** cable is designed for indoor and outdoor installations, and allow an optimized FTTO installationt thanks to the 12 modules of 12 fibers.

Key features include:

- **12 flexible module** for an easy extraction, each module containing **12 fibers**
- **All-dielectric design**, eliminating any conductive materials.
- **Singlemode OS2**.
- **Water tightness :** longitudinal protection thanks to water swellable yarns
- **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	Module Universal
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	115 kg/km
Cable Diameter	12.3 mm
Number of optical fibres	144
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)	5J
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	-20...70 °C
Smoke density	IEC 61034-2
Storage temperature, range	-40...70 °C
U.V resistance	Very good
Water penetration	Longitudinal water tightness

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