

# LANmark-OF MUN (Module Universal) - Cca

## LANMARK-OF MODULE UNIVERSAL 144FO OS2 - CCA

**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 installation 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.



ISO/IEC 11801

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## Characteristics

### 구조적 특성

구조	Module Universal
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)	115 kg/km
Cable Diameter	12.3 mm
Number of optical fibres	144

### 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)	5J
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	-20...70 °C
연기밀도	IEC 61034-2
Storage temperature, range	-40...70 °C
U.V resistance	Very good
Water penetration	Longitudinal water tightness