

# 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

# LANmark-OF Module Universal 144FO OS2 - Cca

## Eigenschaften

### Konstruktionsmerkmale

Leitungsaufbau	Module Universal
Fasertyp	SM (G657.A1)
Halogenfrei	Ja
Verwendetes Material für Längswasserdichtigkeit	Swellable Glass yarns
Außenmantel	LSZH

### Abmessungsmerkmale

Nettogewicht ca.	115 kg/km
Kabeldurchmesser	12.3 mm
Anzahl der optischen Fasern	144

### Mechanische Eigenschaften

Crush resistance (IEC 60794-1-E3)	1000 N/100mm
Dynamic bending radius	15xcable OD
Maximale Zugspannung bei Installation	2700 N
Mechanical resistance to impacts (IEC 60794-1-E4)	5J
Static Bending radius	10xcable OD

### Anwendungsmerkmale

Flammwidrig	IEC 60332-1
Umgebungstemperatur, Bereich	-5...40 °C
Art der Installation	Indoor/Outdoor
Betriebstemperatur	-20...70 °C
Rauchdichte	IEC 61034-2
Lagertemperatur, Bereich	-40...70 °C
UV Beständigkeit	Very good
Water penetration	Longitudinal water tightness