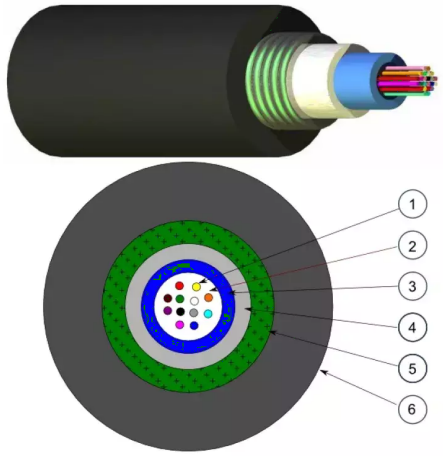
LANmark-OF UCUN (Unitube Steel Armoring - Universal) Eca

LANMARK-OF UC UNIVERSAL 12X MULTIMODE 50/125 OM4 LSZH ECA BLACK



Aginode Ref: N167.UCUN12B

UC optical fibre cables

- Indoor/Outdoor cable
- Corrugated steel tape armour
- Gel filled tube
- All fibre grades
- Provides full rodent protection
- Low Smoke Zero Halogene (LSZH)

Description and Application

The construction is suitable for indoor/outdoor use. It consists of a corrugated steel tape armouring providing full rodent protection. It is surrounded by glass yarns. The cable has a LSZH outer jacket.
The loose tube design has a capacity of up to 24 fibres.
Diameter of the fibres is 250 um. Termination of these fibres is done with splicing of pigtails.
The cable is watertight due to the gel in the loose tube and the watertight glass yarns.

Construction

Legend accompanying the cross section drawing:

1. Optical fibres (250 um)
2. Gel
3. Loose tube
4. Reinforced watertight glass yarns
5. Corrugated steel tape armour
6. LSZH outer jacket with UV resistant additive

Characteristics

- Indoor/Outdoor cable
- Flame retardant (IEC 60332-1 and NFC 32070 C2) and fire retardant (IEC 60332-3 and NFC 32070 C1)
- Designed for termination by splicing

STANDARDS

ISO/IEC 11801

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.

- Central loose tube design
- Corrugated steel protection
- Waterproof structure, rodent resistant and UV-resistant
- Available in all fibre grades
- Available from 4-24 fibres

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Characteristics

Construction characteristics	
Fiber optic type	OM4 50/125
Dimensional characteristics	
Approximate weight	104 kg/km
Number of optical fibres	12
Nominal outer diameter (mm)	8.5 mm
Mechanical characteristics	
Mechanical resistance to impacts	3 impacts of 5 N.m
Maximum operating pulling force	450 N
Maximum pulling force (IEC 60794-1-2-E1)	1500 N
Crush resistance (IEC 60794-1-E3)	300 N/cm
Usage characteristics	
Operating temperature, range	-40...60 °C
Fire retardant	IEC 60332-3
Minimum dynamic operating bending radius	170.0 mm
Minimum static operating bending radius	130 mm
Flame retardant	IEC 60332-1
Storage temperature, range	-40...60 °C
Ambient installation temperature, range	0...40 °C

パフォーマンス宣言

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