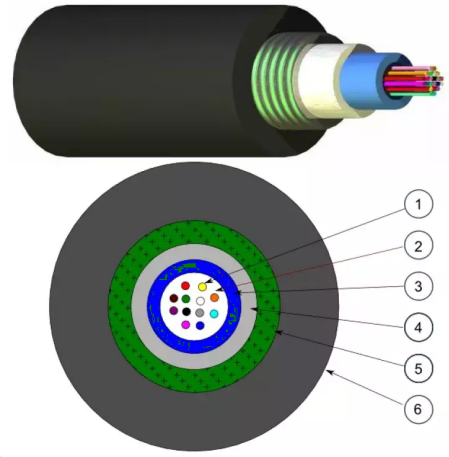
LANmark-OF UC PE (Unitube Steel Armoring - Outdoor)

LANMARK-OF UC 12X MULTIMODE 50/125 OM3 PE BLACK



Aginode Ref: N165.UCPE12B

UC optical fibre cables

- Outdoor in ducts or direct burial
- Corrugated steel tape armour
- Available in all fibres grades
- Provides full rodent protection

Description and Application

The construction is suitable for use outdoor in ducts and for direct burial. It consists of a corrugated steel tape armouring providing full rodent protection. It is surrounded by glass yarns. The cable has a HDPE 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. PE outer jacket with UV resistant additive

Characteristics

- Outdoor cable for installation in a duct or direct burial
- Designed for termination by splicing
- Central loose tube design

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.

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

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LANmark-OF UC 12x Multimode 50/125 OM3 PE Black

Characteristics

Construction characteristics	
Fiber optic type	OM3 50/125
Dimensional characteristics	
Approximate weight	85 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...70 °C
Minimum dynamic operating bending radius	180.0 mm
Minimum static operating bending radius	130 mm
Storage temperature, range	-40...70 °C
Ambient installation temperature, range	0...40 °C

パフォーマンス宣言

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