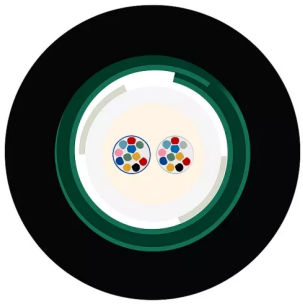
LANmark-OF UC PE (Unitube Steel Armoring)

LANMARK-OF UC 12X SINGLEMODE 9/125 OS2 PE BLACK

Aginode Ref: N164.UCPE12B

UC optical fibre cables

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



STANDARDS

ISO/IEC 11801

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.

Characteristics

- Outdoor cable for installation in a duct or direct burial
- Designed for termination by splicing
- Central loose tube design
- Corrugated steel protection
- Waterproof structure, rodent resistant and UV-resistant
- Available in all fibre grades
- Available from 6-24 fibres

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	Loose Tube
Fiber optic type	SM (G657.A1)
Halogen free	Yes
Jacket material	Polybutylene Terephthalate (PBT)
Material used for longitudinal water tightness	Swellable Glass yarns
Dimensional characteristics	
Approximate weight	64 kg/km
Nominal outer diameter (mm)	7.6 mm
Number of optical fibres	12
Number of tubes	64
Tube diameter	2.8 mm
Mechanical characteristics	
Crush resistance (IEC 60794-1-E3)	2000 N/100mm
Tensile strength	1500 N
Usage characteristics	
Fire retardant	IEC 60332-1-2
Flame retardant	IEC 60332-1
Gases corrosivity	IEC 60754-2
Installation temperature, range	-30...70 °C
Operating temperature, range	-40...70 °C
Smoke density	IEC 61034-2
Storage temperature, range	-40...70 °C
U.V resistance	Very good

DoP : Declaration of Performance

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