

# LANmark-OF UC PE (Unitube Steel Armoring)

LANMARK-OF UC 6X SINGLEMODE 9/125 OS2 PE BLACK

**Aginode Ref:** N164.UCPE06B

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.

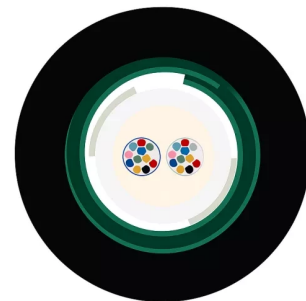
The loose tube design has a capacity of up to 24 fibres.

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.

## 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



## 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.

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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	6
Number of tubes	1
Tube diameter	2.8 mm

### Mechanical characteristics

Crush resistance (IEC 60794-1-E3)	2000 N/100mm
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### Usage characteristics

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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