

# LANmark-OF UC PE (ユニチューブ・スチール・アーマリング)

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

## 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.

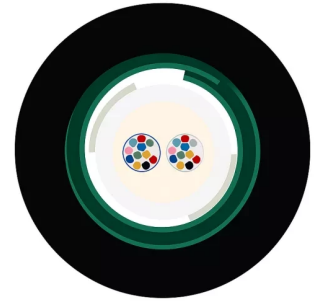
The loose tube design has a capacity of up to 24 fibres.

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

# LANmark-OF UC 12x Singlemode 9/125 OS2 PE Black

## 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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