

LANmark-OF UC PE (ユニチューブ・スチール・アーマリング)

LANMARK-OF UC 24X SINGLEMODE 9/125 OS2 PE BLACK

Aginode Ref: N164.UCPE24B

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.

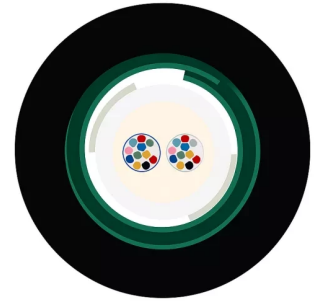
The loose tube design has a capacity of up to 24 fibres.

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 4-24 fibres



ISO/IEC 11801

LANmark-OF UC 24x 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 | 78 kg/km |
| Nominal outer diameter (mm) | 8.4 mm |
| Number of optical fibres | 24 |
| Number of tubes | 2 |
| Tube diameter | 3.8 mm |

Mechanical characteristics

| | |
|-----------------------------------|--------------|
| Crush resistance (IEC 60794-1-E3) | 2000 N/100mm |
| Tensile strength | 1500 N |

Usage characteristics

| | |
|--|---------------|
| Flame retardant | IEC 60332-1-2 |
| Installation temperature, range | -30...70 °C |
| Minimum dynamic operating bending radius | 126 mm |
| Minimum static operating bending radius | 168 mm |
| 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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