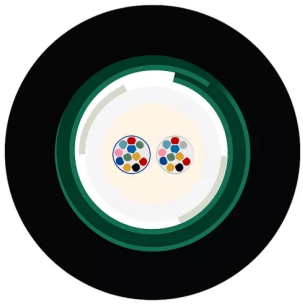
# LANmark-OF UC PE（ユニチューブ・スチール・アーマリング）

**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



## 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

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

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Construction type | Loose Tube |
| Fiber optic type | OM3 50/125 |
| 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 | 1 |
| 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 60332-3 |
| Gases corrosivity | IEC 60754-1; 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

DOP_UC 12XSM OM3 BK.pdf pdf — 59.1 KB　ダウンロード

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