

# LANmark-OF UC PE (Unitube Steel Armoring)

LANMARK-OF UC 6X MULTIMODE 50/125 OM3 PE BLACK

**Aginode Ref:** N165.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 255 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.



## STANDARDS

ISO/IEC 11801

# LANmark-OF UC 6x 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	6
Number of tubes	1
Tube diameter	2.8 mm

### Mechanical characteristics

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

### 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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