

# LANmark-OF UC Outdoor PE 2-24core APAC Region

## LANMARK-OF UC PE 8CORE OM4 BLACK APAC REGION

**Aginode Ref:** N177.183

Suitable for in ducts or direct burial

- Corrugated steel tape armour
- Gel filled tube
- Available to multimode and singlemode fibre
- Provides rodent protection
- Outer Jacket is HDPE

## Description and Application

Aginode LANmark-OF UC fibre cable is designed for outdoor applications. The construction is suitable for use outdoor for direct burial. It consists of a Unitube structure protected by corrugated steel tape armouring, the Unitube can hold up to 24C fibres. This provides rodent protection and high crush resistance. The cable has a HDPE outer jacket.

## Construction

Legend accompanying the cross section drawing:

1. Optical fibres (250 um)
2. Waterproof gel filling
3. Loose tube
4. Glass Yarn
5. Corrugated steel tape armour
6. HDPE outer jacket with UV resistant additive

## Characteristics

- Designed for termination by splicing
- Central loose tube design
- Corrugated steel protection
- Waterproof structure and UV-resistant
- Available in Multimode and Singlemode fibre
- Available from 2-24 fibres



## STANDARDS

ANSI/TIA-568-C.3  
IEC 60793-2-10  
ISO/IEC 11801

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## Characteristics

### Construction characteristics

Fiber optic type	OM4 50/125
Armour type	Galvanized steel tapes
Outer sheath	HDPE
Sheath colour	Black

### Dimensional characteristics

Outer Diameter	8.2 mm
Number of optical fibres	8

### Mechanical characteristics

Mechanical resistance to impacts (IEC 60794-1-E4)	100 impacts of 1 N.m
Maximum pulling force (IEC 60794-1-2-E1)	1300 N
Crush resistance (IEC 60794-1-E3)	300 N/cm

### Usage characteristics

Operating temperature, range	-20...60 °C
Minimum dynamic operating bending radius	164.0 mm
Minimum static operating bending radius	82 mm
Storage temperature, range	-30...60 °C
Ambient installation temperature, range	0...40 °C

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