

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

## LANMARK-OF UC PE 6CORE SM G.652.D BLACK APAC REGION

**Aginode Ref:** N174.182

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 | SM (G.652D)            |
| Armour type      | Galvanized steel tapes |
| Outer sheath     | HDPE                   |
| Sheath colour    | Black                  |

### Dimensional characteristics

|                          |        |
|--------------------------|--------|
| Outer Diameter           | 8.2 mm |
| Number of optical fibres | 6      |

### 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   |