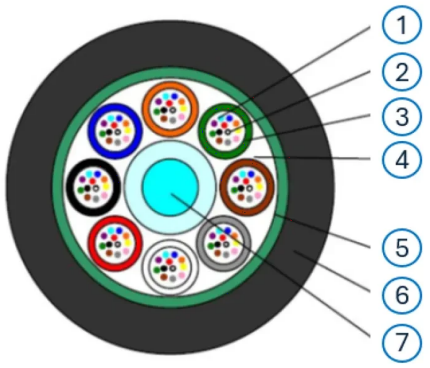
# LANmark-OF UC Outdoor PE 48-96core APAC Region

**LANMARK-OF UC OUTDOOR HDPE 96 CORE SM 9/125 G.657.A1**

**Aginode Ref:** N17A.227

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




## STANDARDS

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

## 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 central strength member surrounded by multiple loose tubes. A corrugated steel tape armour protects the sub-tubes. Each loose tube can hold up to 12C fibres and the structure can hold up to 12 sub-tubes. 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. Waterproof gel filling
5. Corrugated steel tape armour
6. HDPE outer jacket with UV resistant additive
7. Central Strength Member

## Characteristics

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

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*

# LANmark-OF UC Outdoor HDPE 96 core SM 9/125 G.657.A1

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Outer sheath | HDPE |
| Sheath colour | Black |
| Armour type | Steel tape |
| **Mechanical characteristics** | |
| Mechanical resistance to impacts (IEC 60794-1-E4) | 100 impacts of 3N.m |
| Maximum pulling force (IEC 60794-1-2-E1) | 3000 N |
| Crush resistance (IEC 60794-1-E3) | 300 N/cm |
| **Usage characteristics** | |
| Storage temperature, range | -40...70 °C |
| Operating temperature, range | -40...70 °C |
| Minimum dynamic operating bending radius | 264.0 mm |
| Minimum static operating bending radius | 132 mm |
| Ambient installation temperature, range | 0...40 °C |

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