

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

LANMARK-OF UC PE 2CORE OM3 BLACK APAC REGION

Aginode Ref: N175.180

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 | OM3 50/125 |
| Armour type | Galvanized steel tapes |
| Outer sheath | HDPE |
| Sheath colour | Black |

Dimensional characteristics

| | |
|--------------------------|--------|
| Outer Diameter | 8.2 mm |
| Number of optical fibres | 2 |

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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