

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

LANMARK-OF UC PE 12CORE OM3 BLACK APAC REGION

Aginode Ref: N175.185

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	12

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