

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

LANMARK-OF UC PE 6CORE SM G.657.A1 BLACK APAC REGION

Aginode Ref: N17A.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

LANmark-OF UC PE 6core SM G.657.A1 Black APAC Region

Characteristics

Construction characteristics

Armour type	Galvanized steel tapes
Outer sheath	HDPE
Sheath colour	Black

Mechanical characteristics

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

Usage characteristics

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