

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.

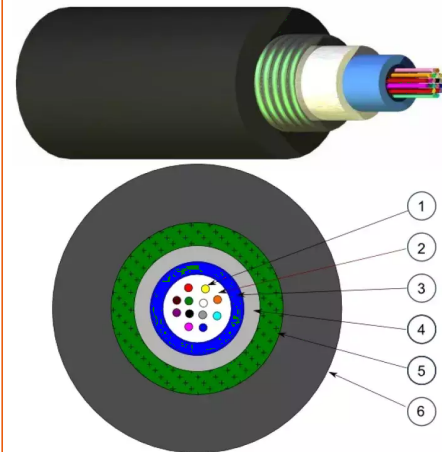
Construction

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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Caractéristiques

Caractéristiques de construction

Type de fibres optiques	OM3 50/125
Armure	Rubans d'acier galvanisé
Gaine extérieure	PE haute densité
Couleur de la gaine	Noir

Caractéristiques dimensionnelles

Diamètre extérieur	8.2 mm
Nombre de fibres optiques	12

Caractéristiques mécaniques

Résistance mécanique aux chocs (IEC 60794-1-E4)	100 impacts of 1 N.m
Maximum pulling force (IEC 60794-1-2-E1)	1300 N
Résistance à l'écrasement (IEC 794-1-E3)	300 N/cm

Caractéristiques d'utilisation

Température ambiante d'utilisation, plage	-20...60 °C
Rayon de courbure minimum en utilisation dynamique	164.0 mm
Rayon de courbure minimum en utilisation statique	82 mm
Température de stockage, plage	-30...60 °C
Température ambiante lors de l'installation, plage	0...40 °C