

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

LANMARK-OF UC OUTDOOR HDPE 48 CORE OM4 50/125

Aginode Ref: N177.203

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 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. Glass Yarn
5. Central Strength Member
6. Corrugated steel tape armour
7. 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 48/72/96 fibres



STANDARDS

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

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.

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Caractéristiques

Caractéristiques de construction

Type de fibres optiques	OM4 50/125
Armure	Rubans d'acier galvanisé
Gaine extérieure	PE haute densité
Couleur de la gaine	Noir

Caractéristiques dimensionnelles

Diamètre extérieur	10.8 mm
Nombre de fibres optiques	48

Caractéristiques mécaniques

Résistance mécanique aux chocs (IEC 60794-1-E4)	100 impacts of 3N.m
Maximum pulling force (IEC 60794-1-2-E1)	1500 N
Résistance à l'écrasement (IEC 794-1-E3)	300 N/cm

Caractéristiques d'utilisation

Température ambiante d'utilisation, plage	-40...70 °C
Rayon de courbure minimum en utilisation dynamique	216.0 mm
Rayon de courbure minimum en utilisation statique	108 mm
Température de stockage, plage	-40...70 °C
Température ambiante lors de l'installation, plage	0...40 °C