

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

LANMARK-OF UC LSZH 24CORE OM3 BLACK

Aginode Ref: N175.481

- 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 Low Smoke Zero Halogene (LSZH)

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 LSZH outer jacket.

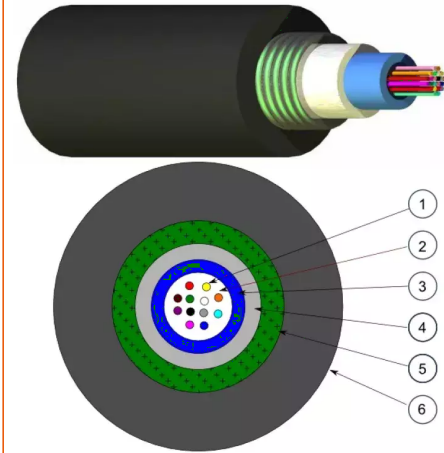
Construction

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. LSZH outer jacket with UV resistant additive

Characteristics

- Flame retardant (IEC 60332-1) and fire retardant (IEC 60332-3-24)
- Designed for termination by splicing
- Central loose tube design
- Corrugated steel protection
- Waterproof structure and UV-resistant
- Available in Multimode and Singlemode fibre



STANDARDS

2014/68/EU

- Available from 2-24 fibres

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Characteristics

Construction characteristics

Fiber optic type	OM3 50/125
Armour type	Corrugated steel
Outer sheath	LSZH
Sheath colour	Black

Dimensional characteristics

Outer Diameter	10.6 mm
Number of optical fibres	24

Mechanical characteristics

Mechanical resistance to impacts (IEC 60794-1-E4)	100 impacts of 3N.m
Crush resistance (IEC 60794-1-E3)	3000 N/100mm
Maximum pulling force (IEC 60794-1-2-E1)	1300 N

Usage characteristics

Operating temperature, range	-20...60 °C
Minimum dynamic operating bending radius	212.0 mm
Minimum static operating bending radius	106 mm
Storage temperature, range	-30...60 °C
Ambient installation temperature, range	0...40 °C

Documentation

LANmark-UC LSZH 24C APAC-Dimensional & Mechanical.xlsx [Download](#) 

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