

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

## LANMARK-OF UC LSZH 12CORE OM5 BLACK

### Aginode Ref: N179.475

- 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	OM5 50/125 Wideband
Armour type	Corrugated steel
Outer sheath	LSZH
Sheath colour	Black

### Dimensional characteristics

Outer Diameter	9.3 mm
Number of optical fibres	12

### 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	186.0 mm
Minimum static operating bending radius	93 mm
Storage temperature, range	-30...60 °C
Ambient installation temperature, range	0...40 °C

## Documentation

LANmark-UC LSZH 24C APAC-Dimensional & Mechanical.xlsx xlsx — 9.32 KB [Download](#) ↓

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