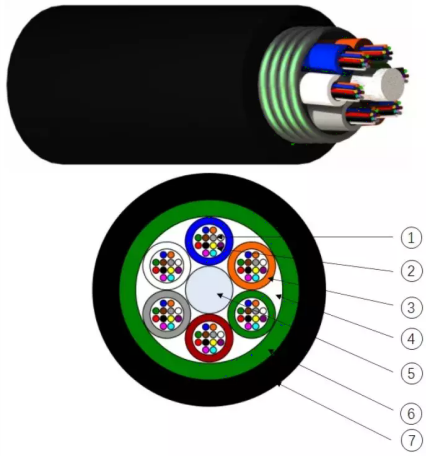
LANmark-OF UC Outdoor LSZH 48-96core APAC Region



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 central strength memeber surrounded by multiple tubes, a corrugated steel tape armour provides mechanical protection, each loose tube can hold up to 12C fibres, the UC can hold up to 12 sub-tubes based on fibre cores. 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. Central Strength Member
6. Corrugated steel tape armour
7. 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
- Multiple Loose tube design
- Corrugated steel protection
- Waterproof structure and UV-resistant
- Available in Multimode and Singlemode fibre

STANDARDS

ANSI/TIA-568-C.3
IEC 60332-1
IEC 60332-3 Cat.C
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.

- Available from 48/72/96 fibres

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CHARACTERISTICS

Construction characteristics	
Outer sheath	LSZH
Sheath colour	Black
Armour type	Galvanized steel tapes
Mechanical characteristics	
Mechanical resistance to impacts (IEC 60794-1-E4)	100 impacts of 1 N.m
Maximum pulling force (IEC 60794-1-2-E1)	1500 N
Crush resistance (IEC 60794-1-E3)	1000 N/100mm
Usage characteristics	
Storage temperature, range	-40...70 °C
Operating temperature, range	-40...70 °C
Minimum dynamic operating bending radius	216.0 mm
Minimum static operating bending radius	108 mm
Ambient installation temperature, range	0...40 °C

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Product list

	Aginode ref.	Country ref.	Name
	N175.493	-	LANmark-OF UC LSZH 48core OM3 Black
	N177.493	-	LANmark-OF UC LSZH 48core OM4 Black
	N174.493	-	LANmark-OF UC LSZH 48core SM G.652.D Black
	N177.505	-	LANmark-OF UC LSZH 72core OM4 Black
	N174.505	-	LANmark-OF UC LSZH 72core SM G.652.D Black
	N175.517	-	LANmark-OF UC LSZH 96core OM3 Black
	N177.517	-	LANmark-OF UC LSZH 96core OM4 Black
	N174.517	-	LANmark-OF UC LSZH 96core SM G.652.D Black
	N175.505	-	LANmark-OF UC LSZH 72core OM3 Black

= Make to order, = In Stock

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