

LANmark-OF UGUN (Unitube - Universal) Dca

LANMARK-OF UGUN 12X SINGLEMODE 9/125 OS2 LSZH DCA S1D0A1 BLACK

Aginode Ref: N164.UGUN12-BD

- Unitube indoor/outdoor cable
- Good fire performance
- Reaction to fire: Dca-s1,d2,a1 according to EN50575:2014+A1:2016
- Large operation temperature range

Description and Application

The cable is designed for indoor and outdoor installation. The design is made of a central loose tube surrounded by reinforcing yarns and a LSZH jacket incorporating 2 lateral strength members.

The cable is watertight due to the gel in the loose tube and the watertight swellable yarns.

The UGUN contains up to 24 fibres (Diameter 250µm). Termination of these fibres is done with splicing of pigtails.

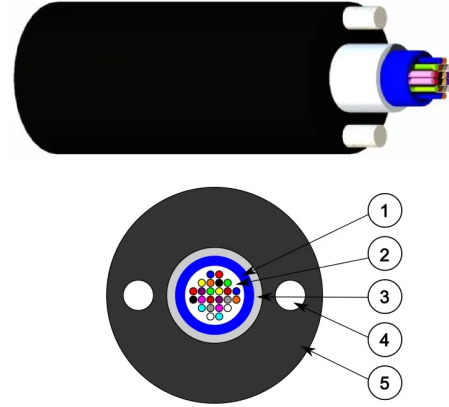
Construction

Legend accompanying the cross section drawing:

- 1. Central loose tube with 250 µm fibres
- 2. Gel
- 3. Reinforcing yarns
- 4. Lateral strengths members
- 5. LSZH Outer sheath

Features

- Indoor / Outdoor cable
- Designed for termination by splicing
- Unitube design with Lateral Strength Elements
- Full dielectric design
- Waterproof structure
- UV Resistant
- Wide temperature range



STANDARDS

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.

LANmark-OF UGUN 12x Singlemode 9/125 OS2 LSZH Dca s1d0a1 Black

Characteristics

Construction characteristics

Fiber optic type	SM (G657.A1)
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Dimensional characteristics

Approximate weight	45 kg/km
Number of optical fibres	12
Nominal outer diameter	6.0 mm

Mechanical characteristics

Mechanical resistance to impacts	3 impacts of 3 N.m
Maximum operating pulling force	250 N
Maximum pulling force (IEC 60794-1-2-E1)	1100 N
Crush resistance (IEC 60794-1-E3)	200 N/cm

Usage characteristics

Operating temperature, range	-30...60 °C
Minimum dynamic operating bending radius	90.0 mm
Minimum static operating bending radius	60 mm
Storage temperature, range	-40...60 °C
Ambient installation temperature, range	0...40 °C