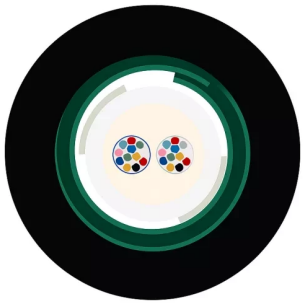
LANmark-OF UC PE (Einrohr-Stahlarmierung)

LANMARK-OF UC 24X MULTIMODE 50/125 OM4 PE BLACK

Aginode Ref: N167.UCPE24B

UC optical fibre cables

- Outdoor in ducts or direct burial
- Corrugated steel tape armour
- Available in all fibres grades
- Provides full rodent protection



STANDARDS

ISO/IEC 11801

Description and Application

The construction is suitable for use outdoor in ducts and for direct burial. It consists of a corrugated steel tape armouring providing full rodent protection. It is surrounded by glass yarns. The cable has a HDPE outer jacket.
The loose tube design has a capacity of up to 24 fibres.
Diameter of the fibres is 250 um. Termination of these fibres is done with splicing of pigtails.
The cable is watertight due to the gel in the loose tube and the watertight glass yarns.

Characteristics

- Outdoor cable for installation in a duct or direct burial
- Designed for termination by splicing
- Central loose tube design
- Corrugated steel protection
- Waterproof structure, rodent resistant and UV-resistant
- Available in all fibre grades
- Available from 6-24 fibres

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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Eigenschaften

Konstruktionsmerkmale	
Leitungsaufbau	Loose Tube
Fasertyp	OM4 50/125
Halogenfrei	Ja
Jacket material	Polybutylene Terephthalate (PBT)
Verwendetes Material für Längswasserdichtigkeit	Swellable Glass yarns
Abmessungsmerkmale	
Nettogewicht ca.	78 kg/km
Außendurchmesser, nom.	8.4 mm
Anzahl der optischen Fasern	24
Anzahl der Bündel	1
Rohrdurchmesser	3.8 mm
Mechanische Eigenschaften	
Crush resistance (IEC 60794-1-E3)	2000 N/100mm
Reißfestigkeit	1500 N
Anwendungsmerkmale	
flammwidrig	IEC 60332-3
Korrosivität der (Brand-)Gase	IEC 60754-1; IEC 60754-2
Umgebungstemperatur, Bereich	-30...70 °C
Dynamischer Mindestbiegeradius während Anwendung	126 mm
Mindestbiegeradius bei statischem Einsatz	168 mm
Betriebstemperatur	-40...70 °C
Rauchdichte	IEC 61034-2
Lagertemperatur, Bereich	-40...70 °C
UV Beständigkeit	Very good

DoP : Declaration of Performance

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