

LANmark-OF UCUN (Stahlpanzerung - Universal) Dca

LANMARK-OF UC UNIVERSAL 6X MULTIMODE 50/125 OM4 LSZH DCA BLACK

Aginode Ref: N167.UCUN06B

UC optical fibre cables

- Provides full rodent protection
- Corrugated steel tape armour for crush and rodent protection
- Central gel-filled with PBT construction
- All fibre grades
- Black LSZH UV-resistant outer sheath – CPR (Dca -s2, d2, a1) rated
- Suitable for indoor and outdoor applications

The UC optical fibre cable from Aginode is specifically designed for installations where mechanical resistance, multimode bandwidth performance, and environmental durability are critical. Its gel-filled tube and corrugated steel armor provide robust protection in demanding indoor and outdoor conditions.

- **Armored Design:** Corrugated steel tape for excellent resistance to mechanical stress, crushing, and rodent attacks.
- **Loose Tube Construction:** Central PBT tube filled with thixotropic gel ensures long-term fibre stability.
- **Indoor & Outdoor Application**
- **High Performance OM4:** Optimized for high-speed multimode transmission over medium distances (50/125 μm).
- **Halogen-Free Flame Retardant Jacket:** Low emission of smoke and toxic gases; UV-resistant for extended durability.

The central tube contains up to 24 fibres, colour-coded for fast and reliable splicing.



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 UC Universal 6x Multimode 50/125 OM4 LSZH Dca Black

Eigenschaften

Konstruktionsmerkmale

| | |
|---|-----------------------------------|
| Leitungsaufbau | Loose Tube |
| Fasertyp | OM4 |
| Halogenfrei | IEC 60754-1 |
| Jacket material | LSZH Halogen free flame retardant |
| Verwendetes Material für Längswasserdichtigkeit | Swellable Glass yarns |

Abmessungsmerkmale

| | |
|-----------------------------|----------|
| Nettogewicht ca. | 82 kg/km |
| Außendurchmesser, nom. | 7.6 mm |
| Anzahl der optischen Fasern | 6 |
| Anzahl der Bündel | 1 |
| Rohrdurchmesser | 2.8 mm |

Mechanische Eigenschaften

| | |
|-----------------------------------|--------------|
| Crush resistance (IEC 60794-1-E3) | 1500 N/100mm |
| Reißfestigkeit | 1500 N |

Anwendungsmerkmale

| | |
|--|---------------------------|
| Flammwidrig | IEC 60332-1-2 |
| Korrosivität der (Brand-)Gase | niedrig, gem. IEC 60754-2 |
| Umgebungstemperatur, Bereich | -30...60 °C |
| Dynamischer Mindestbiegeradius während Anwendung | 152 mm |
| Mindestbiegeradius bei statischem Einsatz | 114 mm |
| Betriebstemperatur | -40...70 °C |
| Rauchdichte | IEC 61034-2 |
| Lagertemperatur, Bereich | -40...70 °C |
| UV Beständigkeit | Very good |

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.

DoP: Declaration of Performance

DOP_UCUN_6XSM OS2_Dca -..pdf pdf — 59.11 KB Herunterladen ⚡

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.