# LANmark-OF UCUN (Steel Armoring - Universal) Dca

**LANMARK-OF UC UNIVERSAL 24X MULTIMODE 50/125 OM4 LSZH DCA BLACK**

**Aginode Ref:** N167.UCUN24B

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 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 24x Multimode 50/125 OM4 LSZH Dca Black

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Fiber optic type | OM4 |
| Halogen free | IEC 60754-1 |
| Jacket material | LSZH Halogen free flame retardant |
| Material used for longitudinal water tightness | Swellable Glass yarns |
| **Dimensional characteristics** | |
| Approximate weight | 100 kg/km |
| Nominal outer diameter (mm) | 8.4 mm |
| Number of optical fibres | 24 |
| Number of tubes | 1 |
| Tube diameter | 3.8 mm |
| **Mechanical characteristics** | |
| Crush resistance (IEC 60794-1-E3) | 1500 N/100mm |
| Tensile strength | 1500 N |
| **Usage characteristics** | |
| Flame retardant | IEC 60332-1-2 |
| Gases corrosivity | IEC 60754-2 |
| Installation temperature, range | -30...60 °C |
| Minimum dynamic operating bending radius | 168 mm |
| Minimum static operating bending radius | 126 mm |
| Operating temperature, range | -40...70 °C |
| Smoke density | IEC 61034-2 |
| Storage temperature, range | -40...70 °C |
| U.V resistance | 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.*