# LANmark-OF UCUN (스틸 아머링 - 유니버설) Dca

**LANMARK-OF UC UNIVERSAL 12X MULTIMODE 50/125 OM3 LSZH DCA BLACK**

**Aginode Ref:** N165.UCUN12B

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 central loose 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 OM3**: 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.*

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## Characteristics

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|---|---|
| **구조적 특성** | |
| 구조 | Unitube |
| Fiber optic type | OM3 |
| Halogen free | IEC 60754-1 |
| Jacket material | LSZH Halogen free flame retardant |
| Material used for longitudinal water tightness | Swellable Glass yarns |
| **치수** | |
| 무게(근사치) | 82 kg/km |
| Nominal outer diameter (mm) | 7.6 mm |
| Number of optical fibres | 12 |
| Number of tubes | 1 |
| Tube diameter | 2.8 mm |
| **기계적 특성** | |
| Crush resistance (IEC 60794-1-E3) | 1500 N/100mm |
| Tensile strength | 1500 N |
| **사용 특성** | |
| 난연 | IEC 60332-1-2 |
| Gases corrosivity | IEC 60754-2 |
| Installation temperature, range | -30...60 °C |
| Minimum dynamic operating bending radius | 152 mm |
| Minimum static operating bending radius | 114 mm |
| 操作温度范围 | -40...70 °C |
| 연기밀도 | IEC 61034-2 |
| Storage temperature, range | -40...70 °C |
| U.V resistance | Very good |

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## DoP: Declaration of Performance

DOP_UCUN_12XMM50 OM3_Dca_2.pdf pdf — 59.14 KB 다운로드

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