# LANmark-OF UCUN（钢制铠装 - 通用型） Dca

**LANMARK-OF UC UNIVERSAL 6X MULTIMODE 50/125 OM3 LSZH DCA BLACK**

**Aginode Ref:** N165.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 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.*

# LANmark-OF UC Universal 6x Multimode 50/125 OM3 LSZH Dca Black

## Characteristics

| | |
|---|---|
| **结构特性** | |
| 结构类型 | Unitube |
| 光纤类型 | OM3 |
| 无卤 | IEC 60754-1 |
| 护套材料 | LSZH Halogen free flame retardant |
| 长度水密封性所用材料 | Swellable Glass yarns |
| **尺寸特性** | |
| 近似重量 | 82 kg/km |
| 标称外径 | 7.6 mm |
| 光纤数 | 6 |
| 管数 | 1 |
| 管径 | 2.8 mm |
| **机械特性** | |
| 耐压(IEC 60794-1-E3) | 1500 N/100mm |
| 抗拉强度 | 1500 N |
| **使用特性** | |
| 阻燃 - 火焰 | IEC 60332-1-2 |
| 气体腐蚀性 | 低 IEC 60754-2 |
| Installation temperature, range | -30...60 °C |
| 最小弯曲半径 - 动态 | 152 mm |
| 最小弯曲半径 - 静态 | 114 mm |
| 操作温度，范围 | -40...70 °C |
| 烟密度 | IEC 61034-2 |
| 存储温度范围 | -40...70 °C |
| 抗UV | 非常好 |

*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_6XMM50 OM3_Dca.pdf pdf — 59.13 KB　下载

*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.*