

# LANmark-OF UCUN (钢制铠装 - 通用型) Dca

LANMARK-OF UC UNIVERSAL 12X SINGLEMODE 9/125 OS2 LSZH DCA BLACK

**Aginode Ref:** N164.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, long-distance performance, and environmental durability are critical. Its gel-filled central loose tube and corrugated steel armor provide robust protection in demanding 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 OS2:** Optimized for long-reach singlemode transmission (9/125  $\mu\text{m}$ ).

**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

# LANmark-OF UC Universal 12x Singlemode 9/125 OS2 LSZH Dca Black

## Characteristics

### 结构特性

结构类型	Unitube
光纤类型	SM (G657.A1)
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	12
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

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## DoP: Declaration of Performance

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