LANmark-OF UCUN（钢制铠装 - 通用型） Dca

LANMARK-OF UC UNIVERSAL 24X SINGLEMODE 9/125 OS2 LSZH DCA BLACK

Aginode Ref: N164.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, 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 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

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	100 kg/km
标称外径	8.4 mm
光纤数	12
管数	1
管径	3.8 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	168 mm
最小弯曲半径 - 静态	126 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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