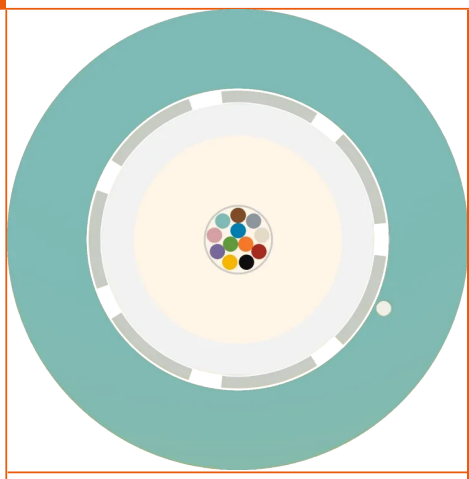
LANmark-OF Loose Tube Universal 6-12 and 24FO - Dca

LANMARK-OF LOOSE TUBE UNIVERSAL 12XMULTIMODE 50/125 OM3 LSZH DCA AQUA



Aginode Ref: N165.LTUN12-AD

- Loose Tube Universal optical fibre cable with high level transmission : OM3
- Good fire behavior : reaction to fire Dca according to EN50575:2014+A1:2016
- Indoor / Outdoor cable
- Designed for splicing with pigtails

The new 12FO OM3 Loose Tube technology from Aginode is specifically engineered for both indoor and outdoor installations where high performance and fire safety are essential. Designed with a loose tube construction, it offers reliable protection for fibers against mechanical stresses and environmental factor.

- **CPR (Dca–s2, d1, a1)**: Low fire propagation, reduced smoke emission, minimal toxic gas release.
- **Loose Tube Construction**: Excellent fiber protection against mechanical stress and temperature variations.
- **Indoor & Outdoor Applications:** Ideal for structured cabling in residential, commercial, and public buildings, as well as outdoor environments.
- **High Performance OM3** : Reliable, high-speed data transmission over medium long distances.
- **Flexible and Robust**: Easy to install in ducts, conduits, and technical spaces.

The central tube contains till 12 fibers well identified to make installation easy and simple.

Applications :

- Building backbone networks
- Data centers
- Outdoor installations

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	松套管
光纤类型	OM3 50/125
无卤	IEC 60754-1
长度水密封性所用材料	Swellable Glass yarns
不含金属	Yes
Tube Filling Compound Material	Thixotropic Gel
尺寸特性	
近似净重量	70 kg/km
标称外径	7.2 mm
光纤数	12
管数	1
管径	3.8 mm
机械特性	
耐压(IEC 60794-1-E3)	2000 N/100mm
最大安装拉力	2000 N
最大长期拉力负载	0.7 kN
最大拉力(IEC 60794-1-2-E1)	2000 N
机械耐冲击性能	10次冲击/ 3N.M
使用特性	
阻燃	IEC 60332-3
阻燃 - 火焰	IEC 60332-1-2
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

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烟密度	IEC 61034-2
存储温度范围	-40...70 °C
抗UV	非常好

DoP: Declaration of Performance

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