LANmark Power-OF Cable 1.5 mm²

LANMARK POWER-OF 2X1,5 WHITE

Aginode Ref: NFP1.A24A2A-WE

Hybrid cable with optical fibres and power conductors, designed for fixed installations requiring high fire performance.

- 2 x G.657.A2 fibres (Ø 0.9 mm)
- 2 x 1.5 mm² copper conductors
- White LSZH sheath – UV resistant
- Indoor cable



Hybrid cable integrating optical and power transmission in a single compact design. Each function is built as a separate sub-unit:

Fibre Unit

- 2 to 4 single-mode fibres (G.657.A2)
- Tight buffer Ø 0.9 mm
- Aramid yarns
- LSZH flame-retardant sheath Ø 2.0 mm

Power Unit

- 2 x 1.5 mm² stranded bare copper
- LSZH flame-retardant insulation Ø 2.9 mm
- Water-blocking tape
- LSZH sheath Ø 7.0 mm – UV resistant

General

- Outer sheath: white LSZH
- Standards: **RoHS 2011/65/EU**, **REACH EC 1907/2006**

Application:

- Indoor routing



STANDARDS

EN 50575
IEC 60228

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Characteristics

结构特性	
绝缘材料	EN 50290-2-26 (LSZH)
颜色	Data : blue and green - Power : black and blue
尺寸特性	
标称重量	90 kg/km g/m
电气特性	
Maximum rated voltage	450/750 V (Uo/U) kV
导线电阻	13.3 Ω/km (@ 20°C) Ohm/km
测试电压	no break down V
绝缘电阻	0.01 MΩ/km (@70°C) GOhm.km
机械特性	
Crush resistance	300 N (Plate/plate) kN
最大安装拉力	150 N
传输特性	
Maximum/typical @ 1310 nm	0.40/0.34 db/km
Maximum/typical @ 1550 nm	0.25/0.20 db/km
Maximum/typical @ 1625 nm	0.40/0.22 db/km
使用特性	
Installation temperature, range	-15...50 °C
存储温度范围	-40...70 °C
最小弯曲半径 - 动态	82 mm
最小弯曲半径 - 静态（XD）	42
最高工作温度	-30...70 °C
耐火	.

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