

# LANmark Power-OF Cable 1.5 mm<sup>2</sup>

## 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 mm<sup>2</sup> 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 mm<sup>2</sup> 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

# LANmark Power-OF 2x1,5 White

## 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
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### 电气特性

Maximum rated voltage	450/750 V (U <sub>o</sub> /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	.