

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

Combining optical and electrical transmission in a single cable:

- **2 single-mode optical fibres** for high-speed data transmission
- **2 insulated copper conductors:**
  - Cross-sections: **1.5 mm<sup>2</sup>**
  - Designed for power supply
- **Available in two versions:**
  - **Indoor**
- **Fire-retardant sheath and insulation** ensuring safety in critical environments
- **UV-resistant outer jacket**

## Fibre Optic Sub-Units

Designed for data transmission with enhanced mechanical protection:

- **Single-mode optical fibres**, compliant with ITU-T G.657.A2 standard
- **Tight-buffer coating** with **0.9 mm diameter**
- **Aramid yarns** for tensile strength and fibre protection
- **Halogen-free, flame-retardant PE sheath.**

## Power Sub-Units

Engineered for low-voltage power delivery and robustness:

- **Stranded bare copper conductors**, **1.5 mm<sup>2</sup>** cross-section
- **Halogen-free, flame-retardant PE insulation,**
- **Water-blocking tape** for added protection against moisture ingress
- **Halogen-free, flame-retardant PE outer sheath,**
- **UV-resistant sheath** for outdoor durability



## STANDARDS

EN 50575  
IEC 60228

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## CHARACTERISTICS

### Construction characteristics

Insulating material EN 50290-2-26 (LSZH)

Colour Data : blue and green - Power : black and blue

### Dimensional characteristics

Nominal weight 90 kg/km g/m

### Electrical characteristics

Test voltage no break down V

Insulation resistance 0.01 MΩ/km (@70°C) GOhm.km

### Mechanical characteristics

Crush resistance 300 N (Plate/plate) kN

## Product list

Aginode ref.	Country ref.	Name
NFP1.A24A2A-WB	-	LANmark Power-OF 2x1,5 B2ca White
NFP1.A24A2A-WC	-	LANmark Power-OF 2x1,5 Cca White
NFP1.A24A2A-WE	-	LANmark Power-OF 2x1,5 White

☎ = Make to order, 🏠 = In Stock

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