LANmark Power-OF Cable 1.5 mm²

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 mm²**
  - 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 mm²** 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

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.

LANmark Power-OF Cable 1.5 mm²

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

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.

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

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.