LANmark Power-OF Kabel 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

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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Eigenschaften

Konstruktionsmerkmale	
Isolationsmaterial	EN 50290-2-26 (LSZH)
Farbe	Data : blue and green - Power : black and blue
Abmessungsmerkmale	
Nominal weight	90 kg/km g/m
Elektrische Eigenschaften	
Maximum rated voltage	450/750 V (Uo/U) kV
Elektrischer Leiterwiderstand	13.3 Ω/km (@ 20°C) Ohm/km
Prüfspannung	no break down V
Isolationswiderstand	0.01 MΩ/km (@70°C) GOhm.km
Mechanische Eigenschaften	
Crush resistance	300 N (Plate/plate) kN
Maximale Zugspannung bei Installation	150 N
Übertragungseigenschaften	
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
Anwendungsmerkmale	
Umgebungstemperatur, Bereich	-15...50 °C
Lagertemperatur, Bereich	-40...70 °C
Dynamischer Mindestbiegeradius während Anwendung	82 mm
Biegeradius min. nach Verlegung (xD)	42
Max. Betriebstemperatur	-30...70 °C
Feuerbeständig	.

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