LANmark Power-OF Kabel 1,5 mm²

LANMARK POWER-OF 2X1,5 CCA WHITE

Aginode Ref: NFP1.A24A2A-WC

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
- CPR classification: **Cca**
- 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 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
- Fire rating: **EN 50575 – Cca**
- Standards: **RoHS 2011/65/EU**, **REACH EC 1907/2006**

Application:

- Indoor routing

STANDARDS

EN 50575
IEC 60228

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LANmark Power-OF 2x1,5 Cca White

Eigenschaften

Konstruktionsmerkmale	
Mantelfarbe	Weiss
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	Cca

DoP : Declaration of Performance

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