Power To The Antenna D-CORE - Dca (N2XC2Y)

POWER TO THE ANTENNA D-CORE - DCA 16MM²

Power To The Antenna D-CORE is a shielded dual conductor power cable. It can be used as a DC power cable for the interconnexion between Base Unit and Radio Units on mobile towers or rooftops. The D-shape of the isolated conductors enables to reduce the diameter and weight of these cables with no negative impact on the properties. It also has best-in-class flexibility. The Dca fire euroclass allows indoor usage when needed.

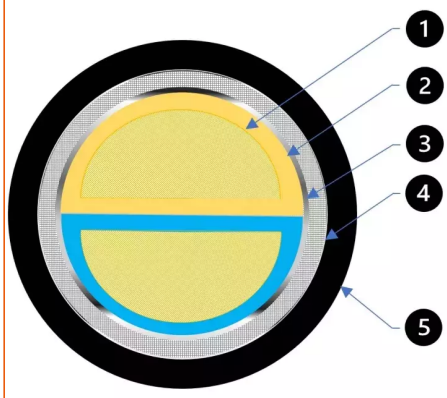


Applications

- DC power cable 0.6/1.0 kV
- For indoor/outdoor applications
- Used on mobile phone towers or rooftops

Cable construction

1. Stranded Bare copper
2. Insulation (IEC 60811-1) XLPE - Blue/Brown or White/Red
3. Longitudinal aluminium tape
4. Tinned copper braid (Coverage US >65%)
5. Outer sheath: HFFR - Black - Dca (EN50575)



Environment

Designed to reduce the environment impact, Aginode cables are compliant with RoHS 2011/65 Directive and European Reach 1907/2006/EC regulation.

D-CORE Picture



STANDARDS

EN 50575
IEC 60228
IEC 60332-1
IEC 60502-1

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	
Schirm	Aluminium-Polyester tape + tinned copper braid
Außenmantel	LSZH
Mantelfarbe	Schwarz
Aderfarbe	Blue - Brown
Leitermaterial	Bare copper class 5
Isolierung	VPE
Abmessungsmerkmale	
Nettogewicht ca.	440 kg/km
Aussendurchmesser	14.5 mm
Aderanzahl	2
Leiterquerschnitt	16 mm²
Durchmesser über Isolierung, Bereich	5.9...6.1 mm
Elektrische Eigenschaften	
Max. Gleichstromwiderstand des Leiters bei 20° C	1.21 Ohm/km
Minimaler Isolationswiderstand	10 MOhm.km
Breakdown voltage Vcc, 5 min.	3500.0 V
Anwendungsmerkmale	
RoHS conform	RoHS 2011/65/EU
Korrosivität der (Brand-)Gase	IEC 60754-1; IEC 60754-2
Betriebstemperatur	-40...90 °C
Flammwidrig	IEC 60332-1
Rauchdichte	EN/IEC 61034-2
UV Beständigkeit	Ja
Verpackung	Trommel 500m
Lagertemperatur, Bereich	-40...50 °C
Biegefaktor bei Verlegung	8 (xD)
Biegefaktor nach Verlegung	4 (xD)

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Dokumentation

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