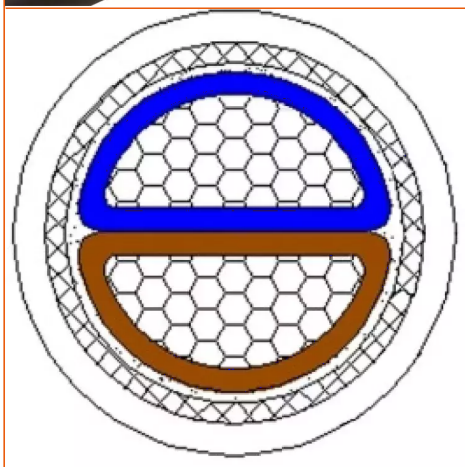
Power To The Antenna D-CORE - Eca (N2XCY)

POWER TO THE ANTENNA D-CORE - ECA 4MM²

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.





Applications

- Power cable 0.6/1.0 kV
- For indoor/outdoor applications
- Used on mobile phone masts

Cable construction

1. Bare conductor strand - Class 5
2. Insulation (IEC 60811-1)XLPE
3. Longitudinal ALU/PET tape
4. Tinned copper braid (Coverage US >65%)
5. Outer sheath: HFFR - Black - Eca (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.

Power To The Antenna D-CORE - Eca 4mm²

Eigenschaften

Konstruktionsmerkmale	
Schirm	Polyester tape - tinned copper braid
Außenmantel	LSZH
Mantelfarbe	Schwarz
Aderfarbe	Blue - Brown
Leitermaterial	Bare copper class 5
Isolierung	VPE
Abmessungsmerkmale	
Nettogewicht ca.	170 kg/km
Aussendurchmesser	11 mm
Aderanzahl	2
Leiterquerschnitt	4 mm^2
Durchmesser über Isolierung, Bereich	3.9...4.1 mm
Elektrische Eigenschaften	
Max. Gleichstromwiderstand des Leiters bei 20° C	5.09 Ohm/km
Minimaler Isolationswiderstand	10 MOhm.km
Breakdown voltage Vcc, 5 min.	3500.0 V
Anwendungsmerkmale	
Korrosivität der (Brand-)Gase	IEC 60754-1; IEC 60754-2
Betriebstemperatur	-40...90 °C
Flammwidrig	IEC 60332-1
Rauchdichte	EN/IEC 61034-2
Verpackung	Trommel 500m
Lagertemperatur, Bereich	-40...50 °C
Biegefaktor bei Verlegung	8 (xD)
Biegefaktor nach Verlegung	4 (xD)

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