

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

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

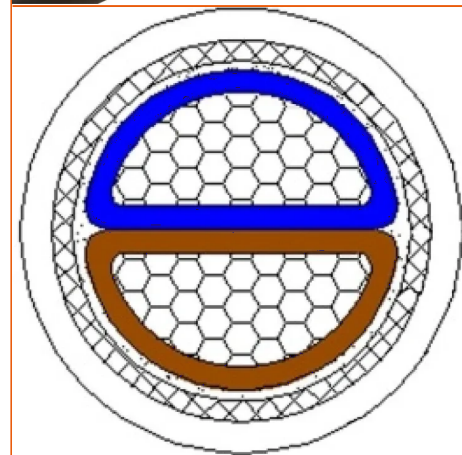
Cable construction

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

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CHARACTERISTICS

Construction characteristics

Outer sheath	LSZH
Wire colour	Blue - Brown
Conductor material	Bare copper class 5

Dimensional characteristics

Approximate weight	170 kg/km
Outer Diameter	11 mm
Conductor cross-section	4 mm ²






Electrical characteristics



Minimum insulation resistance	10 MOhm.km
Breakdown voltage Vcc, 5 min.	3500.0 V

Usage characteristics

Flame retardant	IEC 60332-1
Bending factor when laying	8 (xD)
Bending factor when installed	4 (xD)

Product list

Aginode ref.	Country ref.	Name	Wire colour	Approximate weight	Conductor cross-section	Outer Diameter
	-	Power To The Antenna D-CORE - Eca 4mm ²	Blue - Brown	170 (kg/km)	4 (mm ²)	11 (mm)
	-	Power To The Antenna D-CORE - Eca 25mm ²	Blue - Brown	670 (kg/km)	25 (mm ²)	17 (mm)
	-	Power To The Antenna D-CORE - Eca 16mm ²	Blue - Brown	430 (kg/km)	16 (mm ²)	13 (mm)
	-	Power To The Antenna D-CORE - Eca 10mm ²	Blue - Brown	320 (kg/km)	10 (mm ²)	13 (mm)
	-	Power To The Antenna D-CORE - Eca 6mm ²	Blue - Brown	220 (kg/km)	6 (mm ²)	12 (mm)

 = Make to order,  = In Stock