

# 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

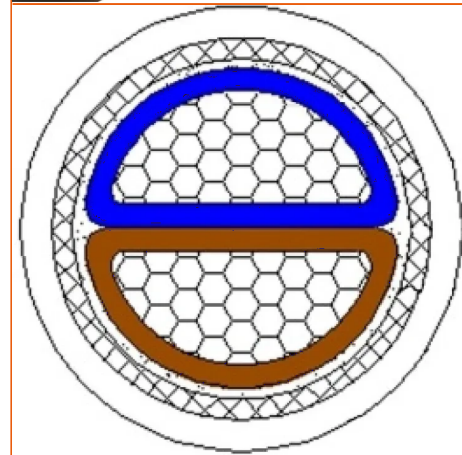
## Cable construction

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

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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## 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 <sup>2</sup>






### 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 <sup>2</sup>	Blue - Brown	170 (kg/km)	4 (mm <sup>2</sup> )	11 (mm)
	-	Power To The Antenna D-CORE - Eca 25mm <sup>2</sup>	Blue - Brown	670 (kg/km)	25 (mm <sup>2</sup> )	17 (mm)
	-	Power To The Antenna D-CORE - Eca 16mm <sup>2</sup>	Blue - Brown	430 (kg/km)	16 (mm <sup>2</sup> )	13 (mm)
	-	Power To The Antenna D-CORE - Eca 10mm <sup>2</sup>	Blue - Brown	320 (kg/km)	10 (mm <sup>2</sup> )	13 (mm)
	-	Power To The Antenna D-CORE - Eca 6mm <sup>2</sup>	Blue - Brown	220 (kg/km)	6 (mm <sup>2</sup> )	12 (mm)

 = Make to order,  = In Stock