

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

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

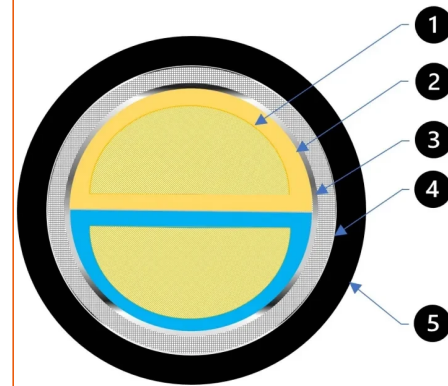
## Cable construction

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

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## CHARACTERISTICS

### 구조적 특성

피복	저연 할로겐 프리
Wire colour	하얀색 - 빨간색
도체 재료	Bare copper class 5

### 치수

외경	11 mm
도체 단면적	4 mm <sup>2</sup>
Diameter over insulation, range	... mm

### 전기적 특성

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

### 사용 특성

RoHS conform	RoHS 2011/65/EU
Gases corrosivity	IEC 60754-1; IEC 60754-2
操作温度范围	-40...90 °C
난연	IEC 60332-1
연기밀도	EN/IEC 61034-2
U.V resistance	Yes
Packaging	Drum 500 m
Storage temperature, range	-40...50 °C
Bending factor when laying	8 (xD)
설치 시 벤딩 요소	4 (xD)

## Resources

### 문서

Leaflet 4G and 5G\_En\_v2\_1\_1.pdf pdf — 7.02 MB [다운로드](#) ↓

## Product list

	Aginode ref.	Country ref.	이름	Wire colour	도체 단면적	외경
☞		-	Power To The Antenna D-CORE - Dca 4mm <sup>2</sup>	하얀색 - 빨간색	4 (mm <sup>2</sup> )	11 (mm)
☞		-	Power To The Antenna D-CORE - Dca 6mm <sup>2</sup>	하얀색 - 빨간색	6 (mm <sup>2</sup> )	12 (mm)
☞		-	Power To The Antenna D-CORE - Dca 4mm <sup>2</sup>	Blue - Brown	4 (mm <sup>2</sup> )	11 (mm)
☞		-	Power To The Antenna D-CORE - Dca 6mm <sup>2</sup>	Blue - Brown	6 (mm <sup>2</sup> )	12 (mm)
☞		-	Power To The Antenna D-CORE - Dca 10mm <sup>2</sup>	Blue - Brown	10 (mm <sup>2</sup> )	13 (mm)
☞		-	Power To The Antenna D-CORE - Dca 16mm <sup>2</sup>	Blue - Brown	16 (mm <sup>2</sup> )	14.5 (mm)
☞		-	Power To The Antenna D-CORE - Dca 25mm <sup>2</sup>	Blue - Brown	25 (mm <sup>2</sup> )	17 (mm)

☞ = Make to order, 🏠 = In Stock

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.