# 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.

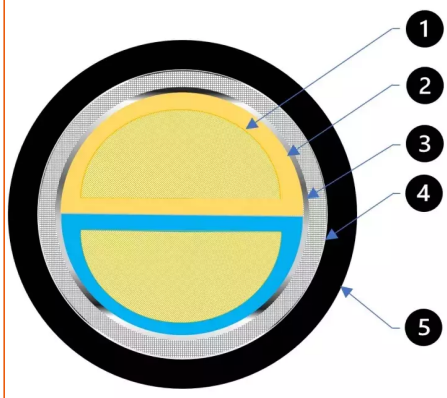



### Applications

- 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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## Characteristics

| | |
|---|---|
| **구조적 특성** | |
| 스크린 | 알루미늄 플라스틱 밴드 + 주석 도금 구리 브레이드 |
| 피복 | 저연 할로겐 프리 |
| Sheath colour | 검은색 |
| Wire colour | Blue - Brown |
| 도체 재료 | Bare copper class 5 |
| 절연 | XLPE |
| **치수** | |
| 무게(근사치) | 440 kg/km |
| 외경 | 14.5 mm |
| 코어수 | 2 |
| 도체 단면적 | 16 mm² |
| Diameter over insulation, range | 5.9...6.1 mm |
| **전기적 특성** | |
| 20° C에서 최대 도체 DC저항 | 1.21 Ohm/km |
| 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) |

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## 문서

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