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

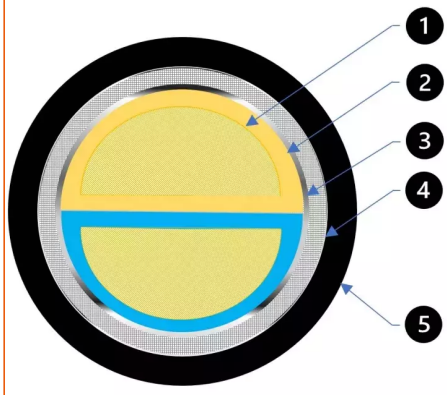
POWER TO THE ANTENNA D-CORE - DCA 16MM²

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

结构特性	
屏蔽	铝塑带+镀锡铜编织
外护套	低烟无卤
护套颜色	黑
电线颜色	Blue - Brown
导体材料	Bare copper class 5
绝缘	XLPE
尺寸特性	
近似重量	440 kg/km
外径	14.5 mm
芯线数	2
导线截面	16 mm^2
Diameter over insulation, range	5.9...6.1 mm
电气特性	
20°C时导体的最大直流电阻	1.21 Ohm/km
Minimum insulation resistance	10 MOhm.km
Breakdown voltage Vcc, 5 min.	3500.0 V
使用特性	
符合RoHS	RoHS 2011/65/EU
气体腐蚀性	IEC 60754-1; IEC 60754-2
操作温度，范围	-40...90 °C
阻燃 - 火焰	IEC 60332-1
烟密度	EN/IEC 61034-2
抗UV	是
包装	Drum 500 m
存储温度范围	-40...50 °C
敷设时弯曲系数	8 (xD)
安装时弯曲系数	4 (xD)

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文件

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