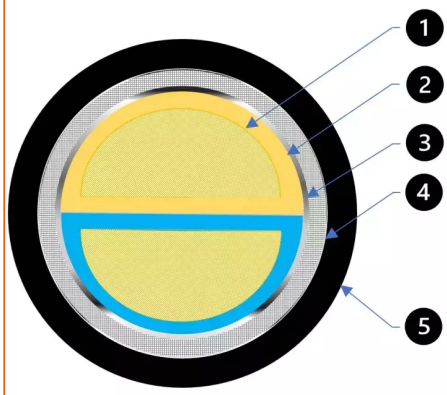
Power To The Antenna D-CORE - Dca (N2XC2Y)

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

CHARACTERISTICS

Construction characteristics	
Outer sheath	LSZH
Wire colour	White - Red
Conductor material	Bare copper class 5
Dimensional characteristics	
Outer Diameter	11 mm
Conductor cross-section	4 mm^2
Diameter over insulation, range	... mm
Electrical characteristics	
Minimum insulation resistance	10 MOhm.km
Breakdown voltage Vcc, 5 min.	3500.0 V
Usage characteristics	
RoHS conform	RoHS 2011/65/EU
Gases corrosivity	IEC 60754-1; IEC 60754-2
Operating temperature, range	-40...90 °C
Flame retardant	IEC 60332-1
Smoke density	EN/IEC 61034-2
U.V resistance	Yes
Packaging	Drum 500 m
Storage temperature, range	-40...50 °C
Bending factor when laying	8 (xD)
Bending factor when installed	4 (xD)

Resources

Documentation

Leaflet 4G and 5G_En_v2_1_1.pdf pdf — 7.02 MB Download

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Product list

	Aginode ref.	Country ref.	Name	Wire colour	Conductor cross-section	Outer Diameter
		-	Power To The Antenna D-CORE - Dca 4mm²	White - Red	4 (mm²)	11 (mm)
		-	Power To The Antenna D-CORE - Dca 6mm²	White - Red	6 (mm²)	12 (mm)
		-	Power To The Antenna D-CORE - Dca 4mm²	Blue - Brown	4 (mm²)	11 (mm)
		-	Power To The Antenna D-CORE - Dca 6mm²	Blue - Brown	6 (mm²)	12 (mm)
		-	Power To The Antenna D-CORE - Dca 10mm²	Blue - Brown	10 (mm²)	13 (mm)
		-	Power To The Antenna D-CORE - Dca 16mm²	Blue - Brown	16 (mm²)	14.5 (mm)
		-	Power To The Antenna D-CORE - Dca 25mm²	Blue - Brown	25 (mm²)	17 (mm)

= Make to order, = In Stock

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