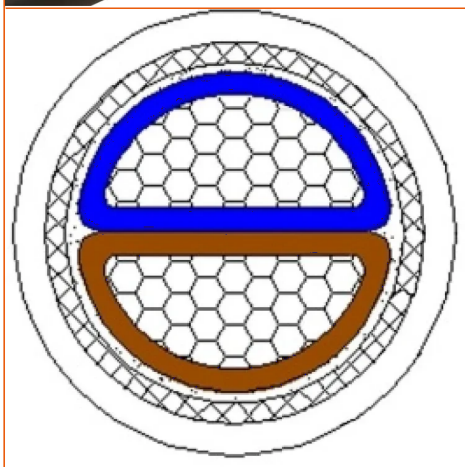
Power To The Antenna D-CORE - Eca (N2XCY)

POWER TO THE ANTENNA D-CORE - ECA 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.



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

Power To The Antenna D-CORE - Eca 16mm²

Characteristics

结构特性	
屏蔽	聚酯带－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	430 kg/km
外径	13 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	1.95 Ohm/km
Minimum insulation resistance	10 MOhm.km
Breakdown voltage Vcc, 5 min.	3500.0 V
使用特性	
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
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)