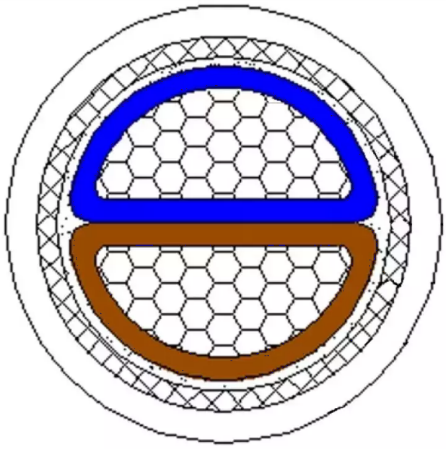
UPSKY™ D-CORE shielded dual copper conductor cable

AGINODE D-CORE 2X10 BA+RG LSZH ECA 500M

Aginode Ref: 13200151
EAN: 3427630107713

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:** Eca
   HFFR - Black

Environment

Designed to reduce the environment impact, Aginode cables are compliant with RoHS 2011/65 Directive and European Reach 1907/2006/EC regulation.

STANDARDS

IEC 60332-1
IEC 60502-1

D-CORE Picture



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.

AGINODE D-CORE 2x10 BA+RG LSZH Eca 500M

Characteristics

Construction characteristics	
Screen	Aluminium-Polyester tape + tinned copper braid
Outer sheath	LSZH
Sheath colour	Black
Wire colour	White - Red
Conductor material	Bare copper class 5
Insulation	XLPE
Dimensional characteristics	
Approximate weight	320 kg/km
Outer Diameter	13 mm
Number of cores	2
Conductor cross-section	10 mm^2
Diameter over insulation, range	5.9...6.1 mm
Electrical characteristics	
Max. DC resistance of the conductor at 20°C	1.91 Ohm/km
Minimum insulation resistance	10 MOhm.km
Breakdown voltage Vcc, 5 min.	3500.0 V
Usage characteristics	
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
Packaging	Drum 500 m
Storage temperature, range	-40...50 °C
Bending factor when laying	8 (xD)
Bending factor when installed	4 (xD)

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.

Declaration of Performance

DECLARATION PERFORMANCE 13200151 pdf — 65.3 KB Download

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.