

Colored insulated electric wire 450/750V

Product Description:



Nominal Voltage: 300/500V, 450/750V

Conductor: Class 1 or Class 2 plain annealed copper, solid copper or strand copper

Conductor nominal cross section area: 0.5~630sqmm

Insulation: colored PVC

Insulation color: Red, Blue, Brown, Grey, Black, Blue, Yellow, White, Green/Yellow or other color requested

Max. operating temperature: 105°C

Package: 100 meters per roll (plastic reel), or as per requirement

Main product model: PVC wire, PVC earth cable, PVC earth wire

Product standard: IEC60227, BS6004, VDE0282

Product characteristics:

High temperature resistance, low temperature resistance, flame retardant and high electrical conductivity, also fire resistance, UV resistance or Rohs compliant can be available as per request.

Product application:

The cables are used for general power supply and distribution purpose, as building wire for power, lighting, earth cable in house, and power supply to electrical appliance, suitable for use in conduit and for fixed, protected installation.

Product parameter: (more details please email us: info@himakecable.com)

Nominal cross section (mm ²)	Conductor type	Insulation thickness (mm)	Max. Overall diameter (mm)	Min. insulation resistance at 70°C (MΩ•km)	Approx. weight (copper) (kg/km)
1×0.5	Solid Cu	0.8	2.4	0.015	91
1×0.75	Solid Cu	0.8	2.8	0.012	11
1×1.0	Solid Cu	0.8	2.8	0.011	14
1×1.0	Strand Cu	0.8	2.8	0.013	15
1×1.5	Strand Cu	0.8	3.1	0.0123	20.0
1×2.5	Strand Cu	0.8	3.7	0.0103	32
1×4.0	Strand Cu	1.0	4.5	0.0102	47
1×6.0	Strand Cu	1.0	5.1	0.0088	68
1×10	Strand Cu	1.0	6.0	0.0072	110
1×16	Strand Cu	1.0	6.9	0.0059	170

Product Advantages:

1. The conductor is made of **new pure annealed copper**, ensuring a good electrical properties and a very good conductivity.



2. We are a very **professional cable manufacturer** with advanced production equipments and strict quality inspection system, ensuring the products complying the standard and customized requirement.

Production equipments



Products Quality inspection equipments



3. We have more than **10 years' export experience** and exported products to **more than 60 countries** over the world with a good reputation internationally.







4. We not only offer **good products** and **good service** to our customers, but also try to **develop our staffs**, offer a good training, good working and living conditions to the staffs.



5. Also we are a company with **highly social responsibility**, often take part in public benefits activities, like tree planting, green environment activities, aiding poor students and the people in difficult condition to achieve their dreams,etc.



