

600V Copper conductor PVC insulated Nylon sheathed Electric Cable THWN/THHN



Rated voltage: 600V

Conductor: Bare annealed copper conductor, solid or stranded

Conductor size: 14AWG up to 1000MCM

Insulation: PVC insulation

Insulation color: white, black, blue, red, or as per requirement

Sheath: Nylon

Package: 100 meters per roll, wooden drum, or as per requirement

Max. operating temperature: 90°C

Standard: UL83

Product application:

It is used as general purpose building wire for services, feeders and branch circuits.

For installation in conduit and raceways, 1/0AWG and larger for cable tray use (CT use) and sunlight resistant. Available colors are red, white, blue, green and black, conductors larger than 1/0AWG are manufactured in black color for sun light resistant outside applications.

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

Conductor size (AWG)	Number of wires	Insulation thickness (mm)	Nylon Jacket thickness (mm)	Approx. Outer Diameter (mm)	Ampacity (A)	Approx. Weight (kg/km)
14	1	0.38	0.1	2.6	15	22
12	1	0.38	0.1	3.02	20	34
10	1	0.51	0.1	3.81	30	54
14	19	0.38	0.1	2.78	15	23
12	19	0.38	0.1	3.27	20	34
10	19	0.51	0.1	4.11	30	55
8	19	0.76	0.13	5.43	50	90
6	19	0.76	0.13	6.36	65	136
4	19	1.02	0.15	8.11	85	218
3	19	1.02	0.15	8.82	100	270
2	19	1.02	0.15	9.63	115	334
1	19	1.27	0.18	11.09	130	428
1/0	19	1.27	0.18	12.08	150	531

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.





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.



