

Building wire THHN conductor with PVC jacket electric cable NM-B NMD90 600V



Rated voltage: 600V

Conductor: Bare annealed copper conductor, solid or stranded

Conductor size: 14AWG up to 4AWG

Insulation: PVC and Nylon insulation

Insulation color: white, black, red and white with red stripe, with ground wire

Paper separator (for NM-B type): ground wire with or without paper separator, the cores laid parallel, the entire construction is wrapped with a paper separator before applying the jacket

Sheath: PVC

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

Max. operating temperature: 90°C

Standard: UL83, UL719

Product application:

For use primarily in residential wiring, including branch circuits for outlets, switches, etc. Maybe installed in both exposed and concealed work in normally dry locations. Maybe installed in air voids of masonry block or tile walls where these walls are not subject to excessive moisture or dampness. Maybe installed in locations with temperatures up to 90°C, but with the ampacity limited to that of 60°C conductors. Addd circuit: For use primarily in residential wiring for branch circuits supplying outlets located in bedrooms and

other areas.

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

| Conductor size (AWG) | Number of conductor | Conductor structure | Insulation & Nylon thick. mils. | Cable dimension (mils.) | Ampactiy at 30 per NEC (A) | Approx. Weight (Wt. Lbs/M Ft.) |
|-------------------------|------------------------|------------------------|------------------------------------|----------------------------|-------------------------------|-----------------------------------|
| 14 | 2 | solid | 19 | 0.185*0.37 | 15 | 58 |
| 14 | 3 | solid | 19 | 0.495 | 15 | 76 |
| 12 | 2 | solid | 19 | 0.2*0.4 | 20 | 82 |
| 10 | 2 | solid | 24 | 0.225*0.49 | 30 | 125 |
| 8 | 2 | 7 | 35 | 0.32*0.68 | 40 | 204 |
| 6 | 2 | 7 | 35 | 0.35*0.71 | 55 | 276 |
| 12 | 3 | solid | 19 | 0.52 | 20 | 108 |
| 10 | 3 | solid | 24 | 0.535 | 30 | 164 |
| 8 | 3 | 7 | 35 | 0.725 | 40 | 250 |
| 4 | 3 | 7 | 46 | 0.105 | 70 | 556 |

Note: Data shown is approximated and subject to normal manufacturing tolerances.

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.



