

UL 600V Copper conductor PVC insulated Nylon sheathed Electric Cable TFFN TFN



Rated voltage: 600V

Conductor: Solid,uncoated copper conductors per ASTM-B3, Stranded, uncoated conductors per ASTM-B174

Conductor size: 18AWG, 16AWG

Insulation: Color-coded Polyvinyl Chloride (PVC), heat and moisture-resistant, flame retardant compound, and flexible cord and fixture.

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

Jacket: A tough, polyamide, Nylon outer covering

Package: 100 meters per roll, or as per requirement

Max. operating temperature: 90°C

Standard: UL62

Product application:

Type TFFN (stranded) or TFN (solid) conductors are primarily used as fixture wire as defined by the National Electrical Code (NEC) at temperatures not to exceed 90°C or not to exceed 60°C in wet locations or where exposed to oils or coolants. For applications requiring Type AWM, conductor is appropriate for use at temperatures not exceeding 105°C in dry locations. All conductors are permitted for new construction or rewiring for 600-volt applications. All size are rated gasoline and oil-resistant II.

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

TFFN Copper Conductor

Size (AWG) and Number of Conductors	No. of Strands	PVC Insulation Thickness (Conductor)		Nylon Jacket Thickness		Outside Diameter		Approximate Net Weight		Allowable Ampacity (Amps) ¹
		(mm)	(in)	(mm)	(in)	(mm)	(in)	(kg/km)	(lbs/1000ft)	
18	16	0.380	0.015	0.100	0.004	2.24	0.088	12	8	6
16	26	0.380	0.015	0.100	0.004	2.57	0.101	16	11	8

TFN Copper Conductor

Size (AWG) and Number of Conductors	No. of Strands	PVC Insulation Thickness (Conductor)		Nylon Jacket Thickness		Outside Diameter		Approximate Net Weight		Allowable Ampacity (Amps) ¹
		(mm)	(in)	(mm)	(in)	(mm)	(in)	(kg/km)	(lbs/1000ft)	
18	Solid	0.380	0.015	0.100	0.004	1.99	0.0783	12	8	6
16	Solid	0.380	0.015	0.100	0.004	2.26	0.0888	16	11	8

¹ Allowable ampacity shown above is per the National Electrical Code, Table 402.5. The above data is approximate and subject to normal manufacturing tolerances.
The above data is approximate 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.



