

THHN Cable, 2C to 4C, 16-14AWG, PVC&Nylon Insulation



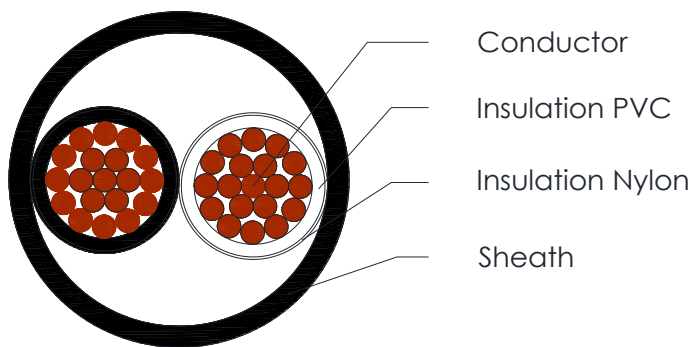
PVC Sheath

C4830, C483 I

Applications

This specification describes THHN, a general purpose building wire insulated with polyvinyl chloride (PVC) and covered with a tough protective sheath of nylon intended for lighting and power circuits at 600 Volts or less, in residential, commercial and industrial buildings. The wire operated at 90°C maximum continuous temperature in dry locations.

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	PVC + Nylon
Sheath	Flame-Retardant Polyvinyl Chloride (PVC) Standard colour: Black
Standard Put Up Length	305 meters

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

**THHN Cable,
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PVC Sheath



C4830, C4831

Physical Characteristics

Part Number	C4830	C4831
No of cores	2	4
Conductor construction	16AWG (19 x 29)	14AWG (19 x 27)
Nom. Radial Thickness Insulation PVC (mm)	0.38	
Nom. Radial Thickness Insulation Nylon (mm)	0.25	
Nom. Insulation Diameter(mm)	2.66	3.06
Nom. Radial Thickness Sheath(mm)	0.5	
Nom. Overall Diameter(mm)	6.3	8.4
Operating Temperature (°C)	-15 to +90	

Electrical Characteristics at 20°C

Part Number	C4830	C4831
No of cores	2	4
Max. Recommended Current at 25°C (Amps)	20	25
Max. Operating Voltage (Vrms)	600	

Reference Standards

(BS) EN 50290-2
IEC 60228
RoHS directives