



**Southwire**<sup>®</sup>  
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**PRODUCT DATA SHEET**

Controlled Document - Engineering Drive

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**PART NUMBER:** F06009  
**DESCRIPTION:** 6 AWG STRANDED TYPE THHN/THWN-2 INSULATED WIRE  
**CONSTRUCTION:** This cable consists of one bare copper conductor with integral insulation and jacket.  
**APPROVALS:** UL Standards 83, 758 & 1063; CSA C22.2 No. 75  
**APPLICATION:** Insulated Wire Used in Building Wire Applications

**Construction Parameters:**

Conductor	6 AWG Bare Copper
Stranding	19 Strand
Insulation Material	PVC/Nylon
Insulation Thickness	0.031" Nom.
Nylon Insulation Thickness	0.006" Nom.
Insulated Conductor Diameter	0.253" Nom.
Approximate Cable Weight	95.5 Lbs/1M' Nom.

**Electrical & Environmental Properties:**

Temperature Rating	-20°C to 90°C Dry/90°C Wet
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	0.40 Ohms/1M' Nom.

Insulation/Jacket Color	Black
Legend (Surface Ink Print)	CCI TRIANGLE 6 AWG (13.3mm <sup>2</sup> ) THHN/THWN-2 E101736 (UL) 600V 90C DRY/90C WET PRI/GRI OR AWM 1318/1410 OR MTW SUN RES VW-1 -- C(UL) T90 NYLON OR TWN-75 FT1

This product complies with European Directive 2011/65/EU (RoHS-2)  
 On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

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Customer Name \_\_\_\_\_  
 Customer Approval \_\_\_\_\_

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