



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 51014
DESCRIPTION: 12 AWG STRANDED TYPE THHN/THWN INSULATED WIRE
CONSTRUCTION: This cable consists of one bare copper conductor with integral insulation and jacket.
APPROVALS: UL Standard 83 and Subject 758
APPLICATION: Insulated Wire, Appliance Wiring Material, Canada T90-Nylon, Canada TWN75

Construction Parameters:

| | |
|------------------------------|--------------------|
| Conductor | 12 AWG Bare Copper |
| Stranding | 19/.0185" |
| Insulation Material | PVC/Nylon |
| Insulation Thickness | 0.016" Nom. |
| Nylon Insulation Thickness | 0.005" Nom. |
| Insulated Conductor Diameter | 0.131" Nom. |
| Approximate Cable Weight | 24.7 Lbs/1M' Nom. |

Electrical & Environmental Properties:

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|------------------------------------|--------------------|
| Temperature Rating | -20°C to 105°C |
| Operating Voltage | 600 V RMS Max. |
| DC Resistance per Conductor @ 20°C | 1.58 Ohms/1M' Nom. |

| | |
|-------------------------|---|
| Insulation/Jacket Color | Varies (Consult factory for availability) |
|-------------------------|---|

| | |
|----------------------------|--|
| Legend (Surface Ink Print) | CCI TRIANGLE 12 AWG (3.31mm ²) THHN OR THWN E101736 (UL) 600V OR AWM STYLE 1316 & 1408 & 1452 GASOLINE & OIL RES I -- C(UL) T90 NYLON OR TWN75 FT1 |
|----------------------------|--|

This product complies with European Directive 2002/95/EC (RoHS)

On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

Wire is packaged on standard metal or wooden reels depending on the putup - consult factory.

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Customer Name _____

Customer Approval _____

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