



REPRESENTATIVE IMAGE

**Product:** [9916](#)

Lead Wire, #16 Str TC, PVC Ins, AWM 1007 AWM 1569

[Request Sample](#)

## Product Description

Low Temp Plastic Lead Wire, 16AWG (26x30) Tinned Copper, PVC Insulation, AWM 1007 AWM 1569 CSA TYPE TR-64 TRSR-64

## Technical Specifications

### Product Overview

|                        |                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------|
| Suitable Applications: | inter-connection circuits, internal wiring of computer and electronic equipments, internal wiring of appliances |
|------------------------|-----------------------------------------------------------------------------------------------------------------|

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 16  | 26x30     | TC - Tinned Copper | 1                 |

|                  |   |
|------------------|---|
| Conductor Count: | 1 |
|------------------|---|

#### Insulation

| Material                 | Nominal Diameter | Nominal Wall Thickness | Min. Average Wall Thickness |
|--------------------------|------------------|------------------------|-----------------------------|
| PVC - Polyvinyl Chloride | 0.092 in         | 0.016 in               | 0.015 in                    |

### Construction and Dimensions

#### Cabling

| Twists     |
|------------|
| 6 twist/ft |

### Electrical Characteristics

#### Voltage

| UL Voltage Rating |
|-------------------|
| 300 V RMS         |

### Temperature Range

|                     |       |
|---------------------|-------|
| Non-UL Temp Rating: | 105°C |
| UL Temp Rating:     | 105°C |

### Mechanical Characteristics

|                              |                 |
|------------------------------|-----------------|
| Bulk Cable Weight:           | 11.5 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 0.37 in         |

### Standards

|                          |                                |
|--------------------------|--------------------------------|
| UL Rating:               | 300V RMS, 80°C and 300V, 105°C |
| UL AWM Style Compliance: | UL AWM Styles 1007, 1569       |
| CSA Rating:              | 300V RMS, 105°C                |
| CSA Type:                | TRSR-64                        |

Applicable Environmental and Other Programs

|                                              |                               |
|----------------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV):               | Yes                           |
| EU Directive 2003/96/EC (BFR):               | Yes                           |
| EU Directive 2011/65/EU (RoHS 2):            | Yes                           |
| EU Directive 2012/19/EU (WEEE):              | Yes                           |
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes                           |
| EU Directive Compliance:                     | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                                  | Yes                           |
| CA Prop 65:                                  | Yes                           |
| MII Order #39 (China RoHS):                  | Yes                           |

Flammability, LSOH, Toxicity Testing

|                    |           |
|--------------------|-----------|
| UL Flammability:   | VW-1      |
| CSA Flammability:  | FT1       |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item #       | Color       | Put-Up Type | Length   | UPC          |
|--------------|-------------|-------------|----------|--------------|
| 9916 010100  | Black       | Reel        | 100 ft   | 612825261988 |
| 9916 0101000 | Black       | Reel        | 1,000 ft | 612825261995 |
| 9916 0105000 | Black       | Reel        | 5,000 ft | 612825262008 |
| 9916 013100  | Blue, Dark  | Reel        | 100 ft   | 612825262015 |
| 9916 0131000 | Blue, Dark  | Reel        | 1,000 ft | 612825262022 |
| 9916 001100  | Brown       | Reel        | 100 ft   | 612825261797 |
| 9916 0011000 | Brown       | Reel        | 1,000 ft | 612825261803 |
| 9916 0081000 | Gray        | Reel        | 1,000 ft | 612825261933 |
| 9916 005100  | Green, Dark | Reel        | 100 ft   | 612825261896 |
| 9916 0051000 | Green, Dark | Reel        | 1,000 ft | 612825261902 |
| 9916 0031000 | Orange      | Reel        | 1,000 ft | 612825261858 |
| 9916 002100  | Red         | Reel        | 100 ft   | 612825261827 |
| 9916 0021000 | Red         | Reel        | 1,000 ft | 612825261834 |
| 9916 0025000 | Red         | Reel        | 5,000 ft | 612825261841 |
| 9916 007100  | Violet      | Reel        | 100 ft   | 612825261919 |
| 9916 0071000 | Violet      | Reel        | 1,000 ft | 612825261926 |
| 9916 009100  | White       | Reel        | 100 ft   | 612825261940 |
| 9916 0091000 | White       | Reel        | 1,000 ft | 612825261957 |
| 9916 0095000 | White       | Reel        | 5,000 ft | 612825261964 |
| 9916 004100  | Yellow      | Reel        | 100 ft   | 612825261865 |
| 9916 0041000 | Yellow      | Reel        | 1,000 ft | 612825261872 |

|           |                                                                                                                                                                                                                                   |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Footnote: | P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'. |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.373 Revision Date: 08-27-2021 |
|----------------------|--------------------------------------------------|

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