



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'. |
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History

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