



Product: 9912 ☑

Lead Wire, #12 Str TC, PVC Ins, AWM 1015 CSA TYPE TEW

Request Sample

Product Description

Low Temp Plastic Lead Wire, 12AWG (65x30) Tinned Copper, PVC Insulation, AWM 1015 CSA TYPE TEW JQA-F 600V 105C

0.03 in

Technical Specifications

Physical Characteristics (Overall)

Conductor AWG No. of Conductors 65x30 TC - Tinned Copper 1 Conductor Count: Insulation Nominal Diameter | Nominal Wall Thickness | Min. Average Wall Thickness

0.030 in

PVC - Polyvinyl Chloride **Construction and Dimensions**

0.158 in

Cabling



Electrical Characteristics

Conductor DCR

Nominal Conductor DCR 1.5 Ohm/1000ft

Current

| Element | Max. Recommended Current [A] |
|--|------------------------------|
| Single conductor in free air @ 30C ambient | 51.0 A |

Voltage

| Non-UL Voltage Rating | UL Voltage Rating |
|-----------------------|-------------------|
| 600 V | 600 V RMS |

Temperature Range

| Non-UL Temp Rating: | 105°C |
|-----------------------|-----------------|
| UL Temp Rating: | 105°C |
| Operating Temp Range: | -25°C To +105°C |

Mechanical Characteristics

| Bulk Cable Weight: 27.8 lbs/1000ft | |
|------------------------------------|--|
|------------------------------------|--|

Standards

| UL Rating: | 600V, 105°C |
|-------------------------|----------------------------|
| UL AWM Style: | MTW or TW or AWM 1015/1230 |
| CSA Rating: | 600V, 105°C |
| CSA AWM Specification: | AWM I A/B or TEW |
| CSA Type: | AWM I A/B or TEW |
| Military Specification: | N/A |

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 II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-07-01 |
| MII Order #39 (China RoHS): | Yes |

Flammability, LS0H, Toxicity Testing

| UL Flammability: | VW-1 |
|--------------------|-----------|
| CSA Flammability: | FT1 |
| UL voltage rating: | 600 V RMS |

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|--------------|-------------|------------|----------|---------------|
| 9912 010100 | Black | Reel | 100 ft | 612825261520 |
| 9912 010250 | Black | Reel | 250 ft | 612825261544 |
| 9912 0102000 | Black | Reel | 2,000 ft | 612825261537 |
| 9912 013100 | Blue, Dark | Reel | 100 ft | 612825261575 |
| 9912 013250 | Blue, Dark | Reel | 250 ft | 612825261582 |
| 9912 001100 | Brown | Reel | 100 ft | 612825261278 |
| 9912 008250 | Gray | Reel | 250 ft | 612825261421 |
| 9912 005100 | Green, Dark | Reel | 100 ft | 612825261377 |
| 9912 005250 | Green, Dark | Reel | 250 ft | 612825261391 |
| 9912 0052000 | Green, Dark | Reel | 2,000 ft | 612825261384 |
| 9912 003250 | Orange | Reel | 250 ft | 612825261322 |
| 9912 002100 | Red | Reel | 100 ft | 612825261292 |
| 9912 002250 | Red | Reel | 250 ft | 612825261315 |
| 9912 0022000 | Red | Reel | 2,000 ft | 612825261308 |
| 9912 009100 | White | Reel | 100 ft | 612825261452 |
| 9912 009250 | White | Reel | 250 ft | 612825261476 |
| 9912 0092000 | White | Reel | 2,000 ft | 612825261469 |
| 9912 004100 | Yellow | Reel | 100 ft | 612825261339 |
| 9912 004250 | Yellow | Reel | 250 ft | 612825261346 |
| Footnote: | | | C - | CRATE REEL PU |

History

Update and Revision: Revision Number: 0.298 Revision Date: 04-28-2020

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