



**Product:** [8917](#) 

Lead Wire, #16 Str TC, PVC Ins, AWM 1015 AWM 1230

 [Request Sample](#)

## Product Description

Low Temp Plastic Lead Wire, 16AWG (26x30) Tinned Copper, PVC Insulation, AWM 1015 AWM 1230 CSA TYPE TEW JQA-F 600V 105C

## Technical Specifications

### Product Overview

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

### Construction Details

#### Conductor

| Size   | Stranding | Material           |
|--------|-----------|--------------------|
| 16 AWG | 26x30     | TC - Tinned Copper |

#### Insulation

| Material                 | Nom. Thickness     | Nom. Insulation Diameter |
|--------------------------|--------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.032 in (0.81 mm) | 0.123 in (3.12 mm)       |

|                           |                    |
|---------------------------|--------------------|
| Cable Diameter (Nominal): | 0.123 in (3.12 mm) |
|---------------------------|--------------------|

### Electrical Characteristics

#### Electricals

| Nom. Conductor DCR         | Max. Current                              |
|----------------------------|-------------------------------------------|
| 4.0 Ohm/1000ft (13 Ohm/km) | Single conductor in free air @ 30°C: 26 A |

#### Voltage

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

### Mechanical Characteristics

#### Temperature

| UL Temperature | Operating       |
|----------------|-----------------|
| 105°C          | -30°C To +105°C |

|                    |                                |
|--------------------|--------------------------------|
| Bulk Cable Weight: | 13.75 lbs/1000ft (20.46 kg/km) |
|--------------------|--------------------------------|

### Standards and Compliance

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Sustainability:                  | CA Prop 65                                                                                                                |
| Flammability / Reaction to Fire: | VW-1, FT1                                                                                                                 |
| NEC / UL Compliance:             | Article 310, MTW                                                                                                          |
| AWM Compliance:                  | UL AWM Styles 1015, 1230, CSA AWM I A/B                                                                                   |
| CEC / C(UL) Compliance:          | TEW                                                                                                                       |
| European Directive Compliance:   | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)                                                                                           |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.340 Revision Date: 10-27-2021 |
|----------------------|--------------------------------------------------|

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