



Product: [32822](#)

Lead Wire, #22 Str TC UNISTRAND, PVC Ins, AWM 1007 CSA TYPE TR-64TEW

Request Sample

Product Description

Low Temp Plastic Lead Wire, 22AWG (7x30) Tinned Copper Unistrand, PVC Insulation, AWM 1007 CSA TYPE TR-64 300V 90C VW-1

Technical Specifications

Product Overview

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

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material |
|--------------|-----------------|------|-----------|----------------------------------|
| Conductor(s) | 1 | 22 | 7x30 | TC - Tinned Copper (Uni-Strand®) |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|--------------------------|--------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.016 in (0.41 mm) | 0.062 in (1.6 mm) |

| | |
|-----------------------------------|-------------------|
| Overall Cable Diameter (Nominal): | 0.062 in (1.6 mm) |
|-----------------------------------|-------------------|

Electrical Characteristics

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature |
|----------------|
| 80°C |

Bend Radius

| Stationary Min. | Installation Min. |
|------------------|-------------------|
| 0.07 in (1.8 mm) | 0.07 in (1.8 mm) |

| | |
|--------------------|------------------|
| Max. Pull Tension: | 9.1 lbs (4.1 kg) |
| Bulk Cable Weight: | 3.6 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|---|
| Flammability / Reaction to Fire: | VW-1 |
| AWM Compliance: | AWM 1007 (300 V 80°C), TR-64 |
| Military Compliance: | N/A |
| 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) |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.471 Revision Date: 02-03-2025 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|---------------|-------------|------------|----------|--------------|----------|
| 32822 0105000 | Black | Reel | 5,000 ft | 612825143307 | C I U Z |
| 32822 0055000 | Green, Dark | Reel | 5,000 ft | 612825143284 | I U Z |
| 32822 0035000 | Orange | Reel | 5,000 ft | 612825143277 | I U Z |
| 32822 0025000 | Red | Reel | 5,000 ft | 612825143260 | I U Z |
| 32822 0095000 | White | Reel | 5,000 ft | 612825143291 | C I U Z |

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