



Product: [32820](#)

Lead Wire, #20 Str TC UNISTRAND, PVC Ins, AWM 1007 CSA TYPE TR-64

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 20AWG (7x28) 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 |
|------------------------|---|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|----------------------------------|-------------------|
| 20 | 7x28 | TC - Tinned Copper (Uni-Strand®) | 1 |

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

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness | Min. Average Wall Thickness |
|--------------------------|------------------|------------------------|-----------------------------|
| PVC - Polyvinyl Chloride | 0.068 in | 0.016 in | 0.015 in |

Electrical Characteristics

Voltage

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

Temperature Range

| | |
|---------------------|------|
| Non-UL Temp Rating: | 90°C |
| UL Temp Rating: | 80°C |

Mechanical Characteristics

| | |
|---------------------------------------|--------------|
| Bulk Cable Weight: | 5 lbs/1000ft |
| Min. Bend Radius During Installation: | 0.27 in |

Standards

| | |
|--------------------------|-----------------------|
| UL AWM Style Compliance: | AWM 1007 (300 V 80°C) |
| CSA Rating: | 300 V RMS, 90°C |
| CSA AWM Compliance: | TR-64 |
| CSA Type: | TR-64 |
| Military Compliance: | 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 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 |
| MII Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

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

Plenum/Non-Plenum

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

Related Part Numbers

Variants

| Item # | Color | Put-Up Type | Length | UPC |
|---------------|-------|-------------|----------|--------------|
| 32820 0095000 | White | Reel | 5,000 ft | 612825143253 |

Footnote: I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'. U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE), Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

History

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| Update and Revision: | Revision Number: 0.386 Revision Date: 05-05-2023 |
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