



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

Physical Characteristics (Overall)

| Conductor        |           |                                  |                   |
|------------------|-----------|----------------------------------|-------------------|
| AWG              | Stranding | Material                         | No. of Conductors |
| 22               | 7x30      | TC - Tinned Copper (Uni-Strand®) | 1                 |
| Conductor Count: |           | 1                                |                   |

| Insulation               |                  |                        |                             |
|--------------------------|------------------|------------------------|-----------------------------|
| Material                 | Nominal Diameter | Nominal Wall Thickness | Min. Average Wall Thickness |
| PVC - Polyvinyl Chloride | 0.062 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: | 3.6 lbs/1000ft |
|--------------------|----------------|

Standards

|                         |                            |
|-------------------------|----------------------------|
| UL AWM Style:           | UL Style 1007 (300 V 80°C) |
| CSA Rating:             | 90°C                       |
| CSA AWM Specification:  | TR-64                      |
| CSA Type:               | TR-64                      |
| 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, LSOH, Toxicity Testing

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

Plenum/Non-Plenum

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

Part Number

Variants

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

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

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.277 Revision Date: 04-28-2020 |
|----------------------|--------------------------------------------------|

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