

# Product: 9899

## Lead Wire, #18 Str TC, PVC Ins, AWM 1855

Request Sample

### Product Description

Low Temp Plastic Lead Wire, 18AWG (65x36) Tinned Copper, PVC Insulation, AWM 1855 5000V 80C

### Technical Specifications

#### Product Overview

| | |
|---|---|
| Suitable Applications: | used as test probe lead for electrical and electronic measuring for test equipment |

#### Construction Details

**Conductor**

| Element | No. of Elements | Size | Stranding | Material |
|---|---|---|---|---|
| Conductor(s) | 1 | 18 AWG | 65x36 | TC - Tinned Copper |

**Insulation**

| Material | Nom. Thickness | Nom. Insulation Diameter |
|---|---|---|
| PVC - Polyvinyl Chloride | 0.048 in (1.2 mm) | 0.144 in (3.66 mm) |

| | |
|---|---|
| Overall Cable Diameter (Nominal): | 0.144 in (3.66 mm) |

#### Electrical Characteristics

**Electricals**

| Nom. Conductor DCR | Max. Current |
|---|---|
| 6.5 Ohm/1000ft | Single conductor in free air @ 30ºC: 6.5 A |

**Voltage**

| UL Voltage Rating |
|---|
| 5000 V RMS |

#### Mechanical Characteristics

**Temperature**

| UL Temperature | Operating |
|---|---|
| 80°C | -50°C To +80°C |

**Bend Radius**

| Stationary Min. | Installation Min. |
|---|---|
| 1.44 in (36.6 mm) | 1.44 in (36.6 mm) |

| | |
|---|---|
| Max. Pull Tension: | 37 lbs (17 kg) |
| Bulk Cable Weight: | 14 lbs/1000ft |

#### Standards and Compliance

| | |
|---|---|
| Environmental Suitability: | Outdoor |
| Sustainability: | CA Prop 65 |
| AWM Compliance: | AWM 1855 |
| 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: 0.480 Revision Date: 01-20-2023 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | Length | UPC | Footnote |
|---|---|---|---|---|---|
| 9899 010100 | Black | Reel | 100 ft | 612825260219 | |
| 9899 010500 | Black | Reel | 500 ft | 612825260233 | |
| 9899 0101000 | Black | Reel | 1,000 ft | 612825260226 | C |
| 9899 005500 | Green, Dark | Reel | 500 ft | 612825260196 | |
| 9899 002100 | Red | Reel | 100 ft | 612825260165 | |
| 9899 002500 | Red | Reel | 500 ft | 612825260189 | |
| 9899 0021000 | Red | Reel | 1,000 ft | 612825260172 | |
| 9899 009500 | White | Reel | 500 ft | 612825260202 | |

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