## Product: 9867 ↗

# Lead Wire, #20 Str TC, Conductive PO/PO Ins, PVC Jkt, AWM 3239

**⅛ Request Sample**

## Product Description

Low Temp Plastic Lead Wire, 20AWG (7x28) Tinned Copper, Conductive PO/PO Insulation, PVC Outer Jacket, AWM 3239 80C

## Technical Specifications

### Product Overview

| Suitable Applications: | internal wiring of electronic equipments, high voltage applications |
|---|---|

### Physical Characteristics (Overall)

**Conductor**

| AWG | Stranding | Material | No. of Conductors |
|---|---|---|---|
| 20 | 7x28 | TC - Tinned Copper | 1 |

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

**Insulation**

| Material | Nominal Wall Thickness |
|---|---|
| PE - Polyethylene | 0.051 in |

| Table Notes: | .003 in. conductive polyethylene over stranding. |
|---|---|

**Outer Jacket**

| Material | Nominal Diameter | Nominal Wall Thickness |
|---|---|---|
| PVC - Polyvinyl Chloride | 0.201 in | 0.028 in |

### Electrical Characteristics

**High Frequency (Nominal/Typical)**

| Nom. Insertion Loss |
|---|
| 6 dB/100m |
| 6 dB/100m |
| 6 dB/100m |
| 6 dB/100m |

**Unbalanced Crosstalk**

| Typical Unbalanced NEXT % |
|---|
| 6 MHz |

**Voltage**

| Breakdown Voltage | Non-UL Description | Non-UL Voltage Rating | UL Voltage Rating |
|---|---|---|---|
| 60,000 V (DC) | AC (60 Hertz) | 11,000 V RMS | 30,000 V DC |

### Temperature Range

| UL Temp Rating: | 80°C |
|---|---|
| Operating Temp Range: | -30°C To +80°C |

### Mechanical Characteristics

| Bulk Cable Weight: | 19 lbs/1000ft |
|---|---|
| Max. Pull Tension: | 15 lbs |
| Min. Bend Radius/Minor Axis: | 3 in |

## Standards

| UL AWM Style Compliance: | UL AWM Style 3239 |
|---|---|

## 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 |
| CA Prop 65: | Yes |
| MII Order #39 (China RoHS): | Yes |

## Flammability, LS0H, Toxicity Testing

| UL Flammability: | VW-1 |
|---|---|
| UL voltage rating: | 30,000 V RMS |

## Plenum/Non-Plenum

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

## Part Number

**Variants**

| Item # | Color | Put-Up Type | Length | UPC |
|---|---|---|---|---|
| 9867 002500 | Red | Reel | 500 ft | 612825259749 |

## History

| Update and Revision: | Revision Number: 0.393 Revision Date: 12-15-2021 |
|---|---|

# X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for* Hook-up Wire *category:*

*Click to view products by* Belden *manufacturer:*

Other Similar products are found below :

8918-BRN-1000  8920-DK-BLU-1000  CR6328-000  01776.38.01  M22759/16-14-5-500FT  7053-RED-1000  7053-SLATE-1000  F25935-000  F60898-000  8055  81044/12-18-9CS3209  82A0811-4-9-G110  83004-ORG-1000  83005-LT-BLU-1000  83025-VIO-1000  8523-RED-100  8524-WHT-100  8525-ORG-1000  8530-BLK-1000  8530-LT-BLU-100  8538-009-1000  8597-LT-BLU-100  8898-BLK-100  138498-000  E76065-000  EPD50886A-20-9  BFWUL3239-24-PINK  C2015A.12.04  C2015A.12.05  C2015A.12.08  C2015A.12.10  C2015A.12.19  C2016A.12.05  C2016A.12.07  C2065A.12.02  C77653-000  220368-001  8916-GRY-500  8918-RED-100  8919-DK-BLU-1000  8919-YEL-100  8920-YEL-100  9242833001  933205-000  2841/7-YELLOW-1000  2842/7-ORANGE-100  2842/7-RED-1000  2843/19-BLUE-100  2843/1-YELLOW-100  2843/7-GREEN-100