



**Product:** [9919](#)

Lead Wire, #20 Str TC, PVC Ins, AWM 1007 AWM 1569

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 20AWG (7x28) Tinned Copper, PVC Insulation, AWM 1007 AWM 1569 CSA TYPE TR-64 TRSR-64

**Technical Specifications**

**Product Overview**

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

**Construction Details**

**Conductor**

| Element      | Number of Element | Size   | Stranding | Material           |
|--------------|-------------------|--------|-----------|--------------------|
| Conductor(s) | 1                 | 20 AWG | 7x28      | TC - Tinned Copper |

**Insulation**

| Material                 | Nom. Thickness     | Nom. Insulation Diameter |
|--------------------------|--------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.016 in (0.41 mm) | 0.069 in (1.8 mm)        |

|                                   |                   |
|-----------------------------------|-------------------|
| Overall Cable Diameter (Nominal): | 0.069 in (1.8 mm) |
|-----------------------------------|-------------------|

**Electrical Characteristics**

**Electricals**

| Nom. Conductor DCR | Max. Current                              |
|--------------------|-------------------------------------------|
| 11.2 Ohm/1000ft    | Single conductor in free air @ 30°C: 11 A |

**Voltage**

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

**Mechanical Characteristics**

**Temperature**

| UL Temperature | Operating       |
|----------------|-----------------|
| 105°C          | -25°C To +105°C |

**Bend Radius**

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 0.69 in (18 mm) | 0.69 in (18 mm)   |

|                    |                 |
|--------------------|-----------------|
| Max. Pull Tension: | 13 lbs (5.9 kg) |
| Bulk Cable Weight: | 5 lbs/1000ft    |

**Standards and Compliance**

|                                  |                    |
|----------------------------------|--------------------|
| Environmental Suitability:       | Indoor             |
| Sustainability:                  | CA Prop 65         |
| Flammability / Reaction to Fire: | VW-1               |
| AWM Compliance:                  | AWM 1007, AWM 1569 |

|                                |                                                                                                                           |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| CEC / C(UL) Compliance:        | TRSR-64                                                                                                                   |
| 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: 0.486 Revision Date: 01-20-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color       | Putup Type | Length   | UPC          |
|--------------|-------------|------------|----------|--------------|
| 9919 010100  | Black       | Reel       | 100 ft   | 612825262695 |
| 9919 0101000 | Black       | Reel       | 1,000 ft | 612825262701 |
| 9919 013100  | Blue, Dark  | Reel       | 100 ft   | 612825262718 |
| 9919 0131000 | Blue, Dark  | Reel       | 1,000 ft | 612825262725 |
| 9919 001100  | Brown       | Reel       | 100 ft   | 612825262558 |
| 9919 0011000 | Brown       | Reel       | 1,000 ft | 612825262565 |
| 9919 0081000 | Gray        | Reel       | 1,000 ft | 612825262664 |
| 9919 005100  | Green, Dark | Reel       | 100 ft   | 612825262626 |
| 9919 0051000 | Green, Dark | Reel       | 1,000 ft | 612825262633 |
| 9919 0031000 | Orange      | Reel       | 1,000 ft | 612825262596 |
| 9919 002100  | Red         | Reel       | 100 ft   | 612825262572 |
| 9919 0021000 | Red         | Reel       | 1,000 ft | 612825262589 |
| 9919 007100  | Violet      | Reel       | 100 ft   | 612825262640 |
| 9919 0071000 | Violet      | Reel       | 1,000 ft | 612825262657 |
| 9919 009100  | White       | Reel       | 100 ft   | 612825262671 |
| 9919 0091000 | White       | Reel       | 1,000 ft | 612825262688 |
| 9919 004100  | Yellow      | Reel       | 100 ft   | 612825262602 |
| 9919 0041000 | Yellow      | Reel       | 1,000 ft | 612825262619 |

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