



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 | No. of Elements | 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 | Footnote |
|--------------|-------------|------------|----------|--------------|----------|
| 9919 010100 | Black | Reel | 100 ft | 612825262695 | |
| 9919 0101000 | Black | Reel | 1,000 ft | 612825262701 | P |
| 9919 013100 | Blue, Dark | Reel | 100 ft | 612825262718 | |
| 9919 0131000 | Blue, Dark | Reel | 1,000 ft | 612825262725 | P |
| 9919 001100 | Brown | Reel | 100 ft | 612825262558 | |
| 9919 0011000 | Brown | Reel | 1,000 ft | 612825262565 | P |
| 9919 0081000 | Gray | Reel | 1,000 ft | 612825262664 | P |
| 9919 005100 | Green, Dark | Reel | 100 ft | 612825262626 | |
| 9919 0051000 | Green, Dark | Reel | 1,000 ft | 612825262633 | P |
| 9919 0031000 | Orange | Reel | 1,000 ft | 612825262596 | P |
| 9919 002100 | Red | Reel | 100 ft | 612825262572 | |
| 9919 0021000 | Red | Reel | 1,000 ft | 612825262589 | P |
| 9919 007100 | Violet | Reel | 100 ft | 612825262640 | |
| 9919 0071000 | Violet | Reel | 1,000 ft | 612825262657 | P |
| 9919 009100 | White | Reel | 100 ft | 612825262671 | |
| 9919 0091000 | White | Reel | 1,000 ft | 612825262688 | P |
| 9919 004100 | Yellow | Reel | 100 ft | 612825262602 | |
| 9919 0041000 | Yellow | Reel | 1,000 ft | 612825262619 | P |

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