



**Product:** [9923](#) 

Lead Wire, #24 Str TC, PVC Ins, AWM 1007 AWM 1569

 [Request Sample](#)

## Product Description

Low Temp Plastic Lead Wire, 24AWG (7x32) 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               | 24 AWG | 7x32      | TC - Tinned Copper |

#### Insulation

| Material                          | Nom. Thickness     | Nom. Insulation Diameter |
|-----------------------------------|--------------------|--------------------------|
| PVC - Polyvinyl Chloride          | 0.016 in (0.41 mm) | 0.056 in (1.4 mm)        |
| Overall Cable Diameter (Nominal): | 0.056 in (1.4 mm)  |                          |

### Electrical Characteristics

#### Electricals

| Nom. Conductor DCR | Max. Current                             |
|--------------------|------------------------------------------|
| 28.7 Ohm/1000ft    | Single conductor in free air @ 30°C: 5 A |

#### High Frequency (Nominal/Typical)

| Nom. Insertion Loss (Attenuation) |
|-----------------------------------|
| 6.3 dB/100m                       |
| 6.3 dB/100m                       |

#### Voltage

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

### Mechanical Characteristics

#### Temperature

| UL Temperature | Operating       |
|----------------|-----------------|
| 105°C          | -20°C To +105°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 0.56 in (14 mm) | 0.56 in (14 mm)   |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 6 lbs (2.7 kg) |
| Bulk Cable Weight: | 3 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: 0.498 Revision Date: 02-20-2026 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #       | Color       | Putup Type | Length   | UPC          | Footnote |
|--------------|-------------|------------|----------|--------------|----------|
| 9923 010100  | Black       | Reel       | 100 ft   | 612825263463 |          |
| 9923 0101000 | Black       | Reel       | 1,000 ft | 612825263470 | P        |
| 9923 0105000 | Black       | Reel       | 5,000 ft | 612825263487 | C        |
| 9923 0131000 | Blue, Dark  | Reel       | 1,000 ft | 612825263494 | P        |
| 9923 0011000 | Brown       | Reel       | 1,000 ft | 612825263364 | P        |
| 9923 0081000 | Gray        | Reel       | 1,000 ft | 612825263425 | P        |
| 9923 0051000 | Green, Dark | Reel       | 1,000 ft | 612825263401 | P        |
| 9923 0031000 | Orange      | Reel       | 1,000 ft | 612825263388 | P        |
| 9923 002100  | Red         | Reel       | 100 ft   | 612825263371 |          |
| 9923 0021000 | Red         | Reel       | 1,000 ft | 612825349884 | P        |
| 9923 0025000 | Red         | Reel       | 5,000 ft |              | P        |
| 9923 0071000 | Violet      | Reel       | 1,000 ft | 612825263418 | P        |
| 9923 009100  | White       | Reel       | 100 ft   | 612825263432 |          |
| 9923 0091000 | White       | Reel       | 1,000 ft | 612825263449 | P        |
| 9923 0041000 | Yellow      | Reel       | 1,000 ft | 612825263395 | P        |

|           |                                                                                                                                                                                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Footnote: | P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'. C - CRATE REEL PUT-UP. |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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