



Product: [9983](#)

Lead Wire, #22 Str TC, PVC Ins, AWM 1061

Request Sample

Product Description

Low Temp Plastic Lead Wire, 22AWG (7x30) Tinned Copper, PVC Insulation, AWM 1061 CSA AWM 300V 80C

Technical Specifications

Product Overview

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

Construction Details

Conductor

| Element      | No. of Elements | Size   | Stranding | Material           |
|--------------|-----------------|--------|-----------|--------------------|
| Conductor(s) | 1               | 22 AWG | 7x30      | TC - Tinned Copper |

Insulation

| Material                 | Nom. Thickness     | Nom. Insulation Diameter |
|--------------------------|--------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.011 in (0.28 mm) | 0.05 in (1.3 mm)         |

|                                   |                  |
|-----------------------------------|------------------|
| Overall Cable Diameter (Nominal): | 0.05 in (1.3 mm) |
|-----------------------------------|------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current                               |
|--------------------|--|
| 18.1 Ohm/1000ft    | Single conductor in free air @ 30°C: 3.3 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. |
|-----------------|-------------------|
| 0.5 in (13 mm)  | 0.5 in (13 mm)    |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 9 lbs (4.1 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 1061, AWM I A/B |

|                                |   |
|--------------------------------|---|
| CEC / C(UL) Compliance:        | LL7874  |
| Military Compliance:           | Mil-W-16878/4   |
| 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: 0.504 Revision Date: 07-03-2024 |
|----------------------|--|

Part Numbers

Variants

| Item #        | Color       | Putup Type | Length    | UPC          | Footnote |
|---------------|-------------|------------|-----------|--------------|----------|
| 9983 010100   | Black       | Reel       | 100 ft    | 612825349921 |          |
| 9983 0101000  | Black       | Reel       | 1,000 ft  | 612825266815 | P        |
| 9983 01010000 | Black       | Reel       | 10,000 ft | 612825266822 |          |
| 9983 013100   | Blue, Dark  | Reel       | 100 ft    | 612825266853 |          |
| 9983 0131000  | Blue, Dark  | Reel       | 1,000 ft  | 612825266860 | P        |
| 9983 001100   | Brown       | Reel       | 100 ft    | 612825266570 |          |
| 9983 0011000  | Brown       | Reel       | 1,000 ft  | 612825266587 | P        |
| 9983 0081000  | Gray        | Reel       | 1,000 ft  | 612825266747 | P        |
| 9983 005100   | Green, Dark | Reel       | 100 ft    | 612825266693 |          |
| 9983 0051000  | Green, Dark | Reel       | 1,000 ft  | 612825266709 | P        |
| 9983 003100   | Orange      | Reel       | 100 ft    | 612825266648 |          |
| 9983 0031000  | Orange      | Reel       | 1,000 ft  | 612825266655 | P        |
| 9983 002100   | Red         | Reel       | 100 ft    | 612825266617 |          |
| 9983 0021000  | Red         | Reel       | 1,000 ft  | 612825266624 | P        |
| 9983 0071000  | Violet      | Reel       | 1,000 ft  | 612825266723 | P        |
| 9983 009100   | White       | Reel       | 100 ft    | 612825266778 |          |
| 9983 0091000  | White       | Reel       | 1,000 ft  | 612825266785 | C P      |
| 9983 004100   | Yellow      | Reel       | 100 ft    | 612825266679 |          |
| 9983 0041000  | Yellow      | Reel       | 1,000 ft  | 612825266686 | P        |

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