



Product: [9984](#)

Lead Wire, #24 Str TC, PVC Ins, AWM 1061

Request Sample

Product Description

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

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|--------------------------|-------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.01 in (0.25 mm) | 0.044 in (1.1 mm) |

| | |
|-----------------------------------|-------------------|
| Overall Cable Diameter (Nominal): | 0.044 in (1.1 mm) |
|-----------------------------------|-------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR |
|----------------------------|
| 6.5 Ohm/1000ft (21 Ohm/km) |
| 6.5 Ohm/1000ft (21 Ohm/km) |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 80°C | -20°C To +80°C |

Bend Radius

| Stationary Min. | Installation Min. |
|------------------|-------------------|
| 0.18 in (4.6 mm) | 0.18 in (4.6 mm) |

| | |
|--------------------|------------------|
| Max. Pull Tension: | 5.5 lbs (2.5 kg) |
| Bulk Cable Weight: | 1.9 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|-------------------------|
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | VW-1 |
| AWM Compliance: | AWM 1061, CSA AWM I A/B |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.461 Revision Date: 07-03-2024 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|--------------|-------------|------------|----------|--------------|----------|
| 9984 010100 | Black | Reel | 100 ft | 612825267041 | |
| 9984 0101000 | Black | Reel | 1,000 ft | 612825267058 | P |
| 9984 013100 | Blue, Dark | Reel | 100 ft | 612825267065 | |
| 9984 0131000 | Blue, Dark | Reel | 1,000 ft | 612825267072 | P |
| 9984 0011000 | Brown | Reel | 1,000 ft | 612825266877 | P |
| 9984 0081000 | Gray | Reel | 1,000 ft | 612825266983 | P |
| 9984 005100 | Green, Dark | Reel | 100 ft | 612825266969 | |
| 9984 0051000 | Green, Dark | Reel | 1,000 ft | 612825266976 | P |
| 9984 003100 | Orange | Reel | 100 ft | 612825266921 | |
| 9984 0031000 | Orange | Reel | 1,000 ft | 612825266938 | P |
| 9984 002100 | Red | Reel | 100 ft | 612825266891 | |
| 9984 0021000 | Red | Reel | 1,000 ft | 612825266907 | P |
| 9984 009100 | White | Reel | 100 ft | 612825267003 | |
| 9984 0091000 | White | Reel | 1,000 ft | 612825267010 | P |
| 9984 004100 | Yellow | Reel | 100 ft | 612825266952 | |
| 9984 0041000 | Yellow | Reel | 1,000 ft | 612825349938 | P |

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