



Product: [9921](#)

Lead Wire, #22 Str TC, PVC Ins, AWM 1007 AWM 1569

Request Sample

Product Description

Low Temp Plastic Lead Wire, 22AWG (7x30) 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 | 22 AWG | 7x30 | TC - Tinned Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|--------------------------|--------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.062 in (1.6 mm) |

| | |
|-----------------------------------|-------------------|
| Overall Cable Diameter (Nominal): | 0.062 in (1.6 mm) |
|-----------------------------------|-------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|--------------------|---|
| 18.1 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 | -20°C To +105°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 0.62 in (16 mm) | 0.62 in (16 mm) |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 9 lbs (4.1 kg) |
| Bulk Cable Weight: | 4 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) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.509 Revision Date: 01-20-2023 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|--------------|-------------|------------|----------|--------------|----------|
| 9921 010100 | Black | Reel | 100 ft | 612825263210 | |
| 9921 0101000 | Black | Reel | 1,000 ft | 612825263227 | P |
| 9921 0105000 | Black | Reel | 5,000 ft | 612825263234 | C |
| 9921 013100 | Blue, Dark | Reel | 100 ft | 612825263258 | |
| 9921 0131000 | Blue, Dark | Reel | 1,000 ft | 612825263265 | P |
| 9921 0135000 | Blue, Dark | Reel | 5,000 ft | 612825263272 | C |
| 9921 006100 | Blue, Light | Reel | 100 ft | 612825263098 | |
| 9921 0061000 | Blue, Light | Reel | 1,000 ft | 612825263104 | P |
| 9921 001100 | Brown | Reel | 100 ft | 612825262985 | |
| 9921 0011000 | Brown | Reel | 1,000 ft | 612825262992 | P |
| 9921 008100 | Gray | Reel | 100 ft | 612825263135 | |
| 9921 0081000 | Gray | Reel | 1,000 ft | 612825263142 | P |
| 9921 0085000 | Gray | Reel | 5,000 ft | 612825263159 | C P |
| 9921 005100 | Green, Dark | Reel | 100 ft | 612825263074 | |
| 9921 0051000 | Green, Dark | Reel | 1,000 ft | 612825263081 | P |
| 9921 003100 | Orange | Reel | 100 ft | 612825263029 | |
| 9921 0031000 | Orange | Reel | 1,000 ft | 612825263036 | P |
| 9921 002100 | Red | Reel | 100 ft | 612825263005 | |
| 9921 0021000 | Red | Reel | 1,000 ft | 612825349860 | P |
| 9921 0025000 | Red | Reel | 5,000 ft | 612825349877 | C P |
| 9921 007100 | Violet | Reel | 100 ft | 612825263111 | |
| 9921 0071000 | Violet | Reel | 1,000 ft | 612825263128 | P |
| 9921 009100 | White | Reel | 100 ft | 612825263173 | |
| 9921 0091000 | White | Reel | 1,000 ft | 612825263180 | P |
| 9921 004100 | Yellow | Reel | 100 ft | 612825263043 | |
| 9921 0041000 | Yellow | Reel | 1,000 ft | 612825263050 | P |
| 9921 0045000 | Yellow | Reel | 5,000 ft | 612825263067 | C |

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.