



**Part Number:** 39122

Lead Wire, #22 Str TC, PPO Ins, AWM 11028 600V 105C VW-1

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 22AWG (7x30) Tinned Copper, PPO Insulation, AWM 11028 600V 105C VW-1

**Technical Specifications**

**Product Overview**

Suitable Applications:	Electrical panel builders, Electrical/electronic manufacturers, Appliance manufacturers, Furniture, Computer manufacturers, Automotive companies and their sub-suppliers
------------------------	--

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	22 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.053 in	0.012 in

**Outer Jacket Material**

<b>Material</b>
No Jacket

**Electrical Characteristics**

**Conductor DCR**

<b>Nominal Conductor DCR</b>
14.8 Ohm/1000ft

**Current**

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	11.0 A

**Voltage**

<b>UL Voltage Rating</b>
600 V

**Temperature Range**

UL Temp Rating:	105°C
Operating Temp Range:	-40°C To +105°C Dry

**Mechanical Characteristics**

Bulk Cable Weight:	2.8 lbs/1000ft
--------------------	----------------

**Standards**

UL AWM Style:	AWM 11028
Military Specification:	N/A

### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2011-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

### Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

### Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

### Part Number

#### Variants

Item #	Color	Footnote
39122 010100	Black	C
39122 0101000	Black	
39122 0105000	Black	C Z
39122 013100	Blue, Dark	C
39122 0131000	Blue, Dark	C
39122 0135000	Blue, Dark	C Z
39122 001100	Brown	C
39122 0011000	Brown	C
39122 0015000	Brown	C Z
39122 008100	Gray	C
39122 0081000	Gray	C
39122 0085000	Gray	C Z
39122 005100	Green, Dark	C
39122 0051000	Green, Dark	C
39122 0055000	Green, Dark	C Z
39122 003100	Orange	C
39122 0031000	Orange	C
39122 0035000	Orange	C Z
39122 002100	Red	C
39122 0021000	Red	C
39122 0025000	Red	C Z
39122 007100	Violet	C
39122 0071000	Violet	
39122 0075000	Violet	C Z
39122 009100	White	C
39122 0091000	White	C
39122 0095000	White	C Z
39122 004100	Yellow	C
39122 0041000	Yellow	C
39122 0045000	Yellow	C Z

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

### Product Notes

© 2019 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.