



Product: [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

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

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	
14.8 Ohm/1000ft	

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

Voltage	
UL Voltage Rating	
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
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

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

Part Number

Variants

Item #	Color	UPC	Length	Footnote
39122 010100	Black	612825150077	100 ft	C
39122 0101000	Black	612825150084	1,000 ft	
39122 0105000	Black	612825150091	5,000 ft	C Z
39122 013100	Blue, Dark	612825150107	100 ft	C
39122 0131000	Blue, Dark	612825150114	1,000 ft	C
39122 0135000	Blue, Dark	612825150121	5,000 ft	C Z
39122 001100	Brown	612825149835	100 ft	C
39122 0011000	Brown	612825149842	1,000 ft	C
39122 0015000	Brown	612825149859	5,000 ft	C Z
39122 008100	Gray	612825150015	100 ft	C
39122 0081000	Gray	612825150022	1,000 ft	C
39122 0085000	Gray	612825150039	5,000 ft	C Z
39122 005100	Green, Dark	612825149958	100 ft	C
39122 0051000	Green, Dark	612825149965	1,000 ft	C
39122 0055000	Green, Dark	612825149972	5,000 ft	C Z
39122 003100	Orange	612825149897	100 ft	C
39122 0031000	Orange	612825149903	1,000 ft	C
39122 0035000	Orange	612825149910	5,000 ft	C Z
39122 002100	Red	612825149866	100 ft	C
39122 0021000	Red	612825149873	1,000 ft	C
39122 0025000	Red	612825149880	5,000 ft	C Z
39122 007100	Violet	612825149989	100 ft	C
39122 0071000	Violet	612825149996	1,000 ft	
39122 0075000	Violet	612825150008	5,000 ft	C Z
39122 009100	White	612825150046	100 ft	C
39122 0091000	White	612825150053	1,000 ft	C
39122 0095000	White	612825150060	5,000 ft	C Z
39122 004100	Yellow	612825149927	100 ft	C
39122 0041000	Yellow	612825149934	1,000 ft	C
39122 0045000	Yellow	612825149941	5,000 ft	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

Notes:	Halogen-free.
--------	---------------

Update and Revision:	Revision Number: 0.285 Revision Date: 04-02-2020
----------------------	--

© 2020 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.