



Product: [39114](#)

Lead Wire, #14 Str TC, PPO Ins, AWM 11028 600V 105C VW-1

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 14AWG (41x30) 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
14	41x30	TC - Tinned Copper	1

Conductor Count:	1
------------------	---

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.097 in	0.012 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.35 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	39.0 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:	14 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, 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	UPC	Length	Footnote
39114 010100	Black	612825148784	100 ft	C
39114 0101000	Black	612825148791	1,000 ft	C
39114 0105000	Black	612825148807	5,000 ft	C Z
39114 013100	Blue, Dark	612825148814	100 ft	C
39114 0131000	Blue, Dark	612825148821	1,000 ft	C
39114 0135000	Blue, Dark	612825148838	5,000 ft	C Z
39114 001100	Brown	612825148548	100 ft	C
39114 0011000	Brown	612825148555	1,000 ft	C
39114 0015000	Brown	612825148562	5,000 ft	C Z
39114 008100	Gray	612825148722	100 ft	C
39114 0085000	Gray	612825148746	5,000 ft	C Z
39114 005100	Green, Dark	612825148661	100 ft	C
39114 0051000	Green, Dark	612825148678	1,000 ft	C
39114 0055000	Green, Dark	612825148685	5,000 ft	C Z
39114 189100	Green, Yellow Stripe	612825148845	100 ft	C
39114 1891000	Green, Yellow Stripe	612825148852	1,000 ft	C
39114 1895000	Green, Yellow Stripe	612825148869	5,000 ft	C Z
39114 003100	Orange	612825148609	100 ft	C
39114 0035000	Orange	612825148623	5,000 ft	C Z
39114 002100	Red	612825148579	100 ft	C
39114 0021000	Red	612825148586	1,000 ft	C
39114 0025000	Red	612825148593	5,000 ft	C Z
39114 0075000	Violet	612825148715	5,000 ft	C Z
39114 009100	White	612825148753	100 ft	C
39114 0091000	White	612825148760	1,000 ft	C
39114 0095000	White	612825148777	5,000 ft	C Z
39114 004100	Yellow	612825148630	100 ft	C
39114 0045000	Yellow	612825148654	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.
--------	---------------

History

Update and Revision:	Revision Number: 0.284 Revision Date: 12-19-2019
----------------------	--

© 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.