



Product: [39124](#)

Lead Wire, #24 Str TC, PPO Ins, AWM 11028 600V 105C VW-1

Request Sample

Product Description

Low Temp Plastic Lead Wire, 24AWG (7x32) 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
24	7x32	TC - Tinned Copper	1
Conductor Count:			1

Insulation		
Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.048 in	0.012 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	
23.75 Ohm/1000ft	

Current	
Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	8.5 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 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
MIL 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
39124 010100	Black	612825150374	100 ft	C
39124 0101000	Black	612825150381	1,000 ft	C
39124 0105000	Black	612825150398	5,000 ft	C Z
39124 013100	Blue, Dark	612825150404	100 ft	C
39124 0131000	Blue, Dark	612825150411	1,000 ft	C
39124 0135000	Blue, Dark	612825150428	5,000 ft	C Z
39124 001100	Brown	612825150138	100 ft	C
39124 0011000	Brown	612825150145	1,000 ft	C
39124 0015000	Brown	612825150152	5,000 ft	C Z
39124 008100	Gray	612825150312	100 ft	C
39124 0085000	Gray	612825150336	5,000 ft	C Z
39124 005100	Green, Dark	612825150251	100 ft	C
39124 0051000	Green, Dark	612825150268	1,000 ft	C
39124 0055000	Green, Dark	612825150275	5,000 ft	C Z
39124 003100	Orange	612825150190	100 ft	C
39124 0035000	Orange	612825150213	5,000 ft	C Z
39124 002100	Red	612825150169	100 ft	C
39124 0021000	Red	612825150176	1,000 ft	C
39124 0025000	Red	612825150183	5,000 ft	C Z
39124 007100	Violet	612825150282	100 ft	C
39124 0071000	Violet	612825150299	1,000 ft	C
39124 0075000	Violet	612825150305	5,000 ft	C Z
39124 009100	White	612825150343	100 ft	C
39124 0091000	White	612825150350	1,000 ft	C
39124 0095000	White	612825150367	5,000 ft	C Z
39124 004100	Yellow	612825150220	100 ft	C
39124 0045000	Yellow	612825150244	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: 0.283 Revision Date: 04-08-2020
----------------------	--------------------------------------------------

© 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.