



Product: [39110](#)

Lead Wire, #10 Str TC, PPO Ins, AWM 11028

Request Sample

Product Description

Low Temp Plastic Lead Wire, 10AWG (105x30) 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
------------------------	--

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	10 AWG	105x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PPO - Polyphenylene Oxide	0.012 in (0.30 mm)	0.134 in (3.40 mm)

Overall Cable Diameter (Nominal): 0.134 in (3.40 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
1.05 Ohm/1000ft	Single conductor in free air @ 30°C: 67 A

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-40°C To +105°C Dry

Bend Radius

Stationary Min.	Installation Min.
1.34 in (34.0 mm)	1.34 in (34.0 mm)

Max. Pull Tension:	99 lbs (45 kg)
Bulk Cable Weight:	37 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
AWM Compliance:	AWM 11028

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)
--------------------------------	---

Product Notes

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

History

Update and Revision:	Revision Number: 0.492 Revision Date: 01-20-2023
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
39110 010100	Black	Reel	100 ft	612825148128	C
39110 0101000	Black	Reel	1,000 ft	612825148135	C
39110 0105000	Black	Reel	5,000 ft	612825148142	C
39110 013100	Blue, Dark	Reel	100 ft	612825148159	C
39110 0135000	Blue, Dark	Reel	5,000 ft	612825148173	C Z
39110 001100	Brown	Reel	100 ft	612825147886	
39110 0011000	Brown	Reel	1,000 ft	612825147893	C
39110 0015000	Brown	Reel	5,000 ft	612825147909	C Z
39110 008100	Gray	Reel	100 ft	612825148067	C
39110 0085000	Gray	Reel	5,000 ft	612825148081	C Z
39110 0051000	Green, Dark	Reel	1,000 ft	612825148012	C
39110 0055000	Green, Dark	Reel	5,000 ft	612825148029	C Z
39110 189100	Green, Yellow Stripe	Reel	100 ft	612825148180	C
39110 1895000	Green, Yellow Stripe	Reel	5,000 ft	612825148203	C Z
39110 003100	Orange	Reel	100 ft	612825147947	C
39110 0035000	Orange	Reel	5,000 ft	612825147961	C Z
39110 002100	Red	Reel	100 ft	612825147916	C
39110 0021000	Red	Reel	1,000 ft	612825147923	C
39110 0025000	Red	Reel	5,000 ft	612825147930	C
39110 007100	Violet	Reel	100 ft	612825148036	C
39110 0075000	Violet	Reel	5,000 ft	612825148050	C Z
39110 009100	White	Reel	100 ft	612825148098	C
39110 0095000	White	Reel	5,000 ft	612825148111	C Z
39110 004100	Yellow	Reel	100 ft	612825147978	
39110 0045000	Yellow	Reel	5,000 ft	612825147992	C Z

© 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.