



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
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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)
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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)
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Product Notes

Notes:	Halogen-free.
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History

Update and Revision:	Revision Number: 0.494 Revision Date: 02-03-2025
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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

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