



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	Number of Element	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)
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Product Notes

Notes:	Halogen-free.
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History

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

Variants

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

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