



Part Number: 39120

Lead Wire, #20 Str TC, PPO Ins, AWM 11028 600V 105C VW-1

 [Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 20AWG (8x30/2x29) 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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	10x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	20 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.0605 in	0.012 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
9 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	14.0 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:	4.2 lbs/1000ft
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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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII 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
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Part Number

Variants

Item #	Color	Footnote
39120 010100	Black	C
39120 0101000	Black	C
39120 0105000	Black	C Z
39120 013100	Blue, Dark	C
39120 0131000	Blue, Dark	C
39120 0135000	Blue, Dark	C Z
39120 001100	Brown	C
39120 0011000	Brown	C
39120 0015000	Brown	C Z
39120 008100	Gray	C
39120 0085000	Gray	C Z
39120 005100	Green, Dark	C
39120 0051000	Green, Dark	C
39120 0055000	Green, Dark	C Z
39120 003100	Orange	C
39120 0031000	Orange	C
39120 0035000	Orange	C Z
39120 002100	Red	C
39120 0021000	Red	C
39120 0025000	Red	C Z
39120 007100	Violet	C
39120 0071000	Violet	C
39120 0075000	Violet	C Z
39120 009100	White	C
39120 0091000	White	C
39120 0095000	White	C Z
39120 004100	Yellow	C
39120 0041000	Yellow	C
39120 0045000	Yellow	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.
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