



Product: [8529](#)

Lead Wire, #20 Sol TC, PVC Ins, TYPE MW MIL-W-76C-PVC

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 20AWG (Solid) Tinned Copper, PVC Insulation, TYPE MW MIL-W-76C-PVC 1000V 80C

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, (Type MW) MIL-W-76C-Low Temp applications
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Physical Characteristics (Overall)

Conductor

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

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.066 in	0.017 in

Electrical Characteristics

Voltage

UL Voltage Rating
1000 V RMS

Temperature Range

Non-UL Temp Rating:	80°C
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Mechanical Characteristics

Bulk Cable Weight:	5 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.27 in

Standards

Military Compliance:	MIL-W-76C Type MWP
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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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65:	Yes

MII Order #39 (China RoHS):	Yes
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Flammability, LS0H, Toxicity Testing

UL voltage rating:	N/A
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
8529 010100	Black	Reel	100 ft	612825212935
8529 0101000	Black	Reel	1,000 ft	612825212942
8529 0131000	Blue, Dark	Reel	1,000 ft	612825212959
8529 008100	Gray	Reel	100 ft	
8529 0081000	Gray	Reel	1,000 ft	
8529 0051000	Green, Dark	Reel	1,000 ft	612825212904
8529 0021000	Red	Reel	1,000 ft	612825212881
8529 009100	White	Reel	100 ft	612825212911
8529 0091000	White	Reel	1,000 ft	612825212928
8529 0041000	Yellow	Reel	1,000 ft	612825212898

Footnote:	P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'.
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History

Update and Revision:	Revision Number: 0.351 Revision Date: 02-03-2025
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