



REPRESENTATIVE IMAGE

Product: [8520](#) 

Lead Wire, #14 Str TC, PVC Ins, TYPE MW MIL-W-76C-PVC

 [Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 14AWG (41x30) 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
14	41x30	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.111 in	0.019 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:	16 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.45 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

Flammability, LSOH, Toxicity Testing

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

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
8520 010100	Black	Reel	100 ft	612825210788
8520 0101000	Black	Reel	1,000 ft	612825210795
8520 013100	Blue, Dark	Reel	100 ft	612825210801
8520 006100	Blue, Light	Reel	100 ft	612825210733
8520 0061000	Blue, Light	Reel	1,000 ft	612825210740
8520 001100	Brown	Reel	100 ft	612825210658
8520 0011000	Brown	Reel	1,000 ft	612825210665
8520 005100	Green, Dark	Reel	100 ft	612825210719
8520 0051000	Green, Dark	Reel	1,000 ft	612825210726
8520 003100	Orange	Reel	100 ft	612825210696
8520 0031000	Orange	Reel	1,000 ft	612825210702
8520 002100	Red	Reel	100 ft	612825210672
8520 0021000	Red	Reel	1,000 ft	612825210689
8520 009100	White	Reel	100 ft	612825210764
8520 0091000	White	Reel	1,000 ft	612825210771
8520 0181000	White, Blue Stripe	Reel	1,000 ft	

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'. A - STOCKED STRIPE COLORS.
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History

Update and Revision:	Revision Number: 0.342 Revision Date: 10-27-2021
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