



Product: [8524](#)

Lead Wire, #22 Str TC, PVC Ins, TYPE MW MIL-W-76C-PVC

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 22AWG (7x30) 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
22	7x30	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.064 in	0.017 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	Single conductor in free air @ 30°C: 9.0 A

Voltage

UL Voltage Rating
1000 V RMS

Temperature Range

Non-UL Temp Rating:	80°C
Operating Temp Range:	-40°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	3.6 lbs/1000ft
Min Bend Radius/Minor Axis:	0.26 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 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):	2005-10-01
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, 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	Putup Type	Length	UPC
8524 010100	Black	Reel	100 ft	612825212379
8524 0101000	Black	Reel	1,000 ft	612825347873
8524 0131000	Blue, Dark	Reel	1,000 ft	612825212393
8524 006100	Blue, Light	Reel	100 ft	612825212256
8524 0061000	Blue, Light	Reel	1,000 ft	612825212263
8524 001100	Brown	Reel	100 ft	612825212119
8524 0011000	Brown	Reel	1,000 ft	612825212126
8524 008100	Gray	Reel	100 ft	612825212300
8524 0081000	Gray	Reel	1,000 ft	612825212317
8524 005100	Green, Dark	Reel	100 ft	612825212232
8524 0051000	Green, Dark	Reel	1,000 ft	612825212249
8524 003100	Orange	Reel	100 ft	612825212171
8524 0031000	Orange	Reel	1,000 ft	612825212188
8524 002100	Red	Reel	100 ft	612825212157
8524 0021000	Red	Reel	1,000 ft	612825347866
8524 007100	Violet	Reel	100 ft	612825212287
8524 0071000	Violet	Reel	1,000 ft	612825212294
8524 009100	White	Reel	100 ft	612825212348
8524 0091000	White	Reel	1,000 ft	612825212355
8524 004100	Yellow	Reel	100 ft	612825212201
8524 0041000	Yellow	Reel	1,000 ft	612825212218

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: 0.306 Revision Date: 11-17-2020
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