



**Product:** [8538](#)

Lead Wire, #24 Sol TC, PVC Ins, TYPE MW MIL-W-76C-PVC

[Request Sample](#)

### Product Description

Low Temp Plastic Lead Wire, 24AWG (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
24	Solid	TC - Tinned Copper	1

Conductor Count:	1
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##### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.055 in	0.017 in

#### Electrical Characteristics

##### Voltage

<b>UL Voltage Rating</b>
1000 V RMS

#### Temperature Range

Non-UL Temp Rating:	80°C
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#### Mechanical Characteristics

Bulk Cable Weight:	2 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.22 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, LSOH, 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
8538 010100	Black	Reel	100 ft	612825213147
8538 009100	White	Reel	100 ft	
8538 0091000	White	Reel	1,000 ft	612825213130

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: 0.350 Revision Date: 02-03-2025
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