



**Product:** [8504](#)

Lead Wire, #24 Str TC, PVC Ins, TYPE B MIL-W-16878/1

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 24AWG (7x32) Tinned Copper, PVC Insulation, TYPE B MIL-W-16878/1 600V 105C

**Technical Specifications**

**Product Overview**

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, (Type B) MIL-W-16878/1-Low Temp applications
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
24	7x32	TC - Tinned Copper	1

Conductor Count:	1
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**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.044 in	0.01 in

**Electrical Characteristics**

**Voltage**

UL Voltage Rating
600 V RMS

**Temperature Range**

Non-UL Temp Rating:	105°C
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**Mechanical Characteristics**

Bulk Cable Weight:	2 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.18 in

**Standards**

Military Compliance:	MIL-W-16878/1
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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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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	UPC
8504 010100	Black	Reel	100 ft	612825210313
8504 0101000	Black	Reel	1,000 ft	612825210320
8504 006100	Blue, Light	Reel	100 ft	612825210207
8504 0061000	Blue, Light	Reel	1,000 ft	612825210214
8504 001100	Brown	Reel	100 ft	612825210054
8504 0011000	Brown	Reel	1,000 ft	612825210061
8504 008100	Gray	Reel	100 ft	612825210238
8504 0081000	Gray	Reel	1,000 ft	612825210245
8504 005100	Green, Dark	Reel	100 ft	612825210177
8504 0051000	Green, Dark	Reel	1,000 ft	612825210184
8504 003100	Orange	Reel	100 ft	612825210115
8504 0031000	Orange	Reel	1,000 ft	612825210122
8504 002100	Red	Reel	100 ft	612825210085
8504 0021000	Red	Reel	1,000 ft	612825210092
8504 0071000	Violet	Reel	1,000 ft	612825210221
8504 009100	White	Reel	100 ft	612825210269
8504 0091000	White	Reel	1,000 ft	612825210276
8504 004100	Yellow	Reel	100 ft	612825210146
8504 0041000	Yellow	Reel	1,000 ft	612825210153

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'.

## History

Update and Revision:	Revision Number: 0.341 Revision Date: 12-15-2021
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