



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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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	24	7x32	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.044 in (1.1 mm)

Overall Cable Diameter (Nominal):	0.044 in (1.1 mm)
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Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Bend Radius

Stationary Min.	Installation Min.
0.18 in (4.6 mm)	0.18 in (4.6 mm)

Max. Pull Tension:	5.5 lbs (2.5 kg)
Bulk Cable Weight:	2 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
Military Compliance:	MIL-W-16878/1
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.440 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8504 010100	Black	Reel	100 ft	612825210313	

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

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