



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	Number of Element	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: 0.438 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup 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

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