



Product: [8501](#) 

Lead Wire, #18 Str TC, PVC Ins, TYPE B MIL-W-16878/1

 [Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 18AWG (7x26) 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	18	7x26.5	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.068 in (1.7 mm)

Overall Cable Diameter (Nominal):	0.068 in (1.7 mm)
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Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Bend Radius

Stationary Min.	Installation Min.
0.28 in (7.1 mm)	0.28 in (7.1 mm)

Max. Pull Tension:	22.4 lbs (10.2 kg)
Bulk Cable Weight:	6.5 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: 0.442 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
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8501 010100	Black	Reel	100 ft	612825209362	
8501 0101000	Black	Reel	1,000 ft	612825209379	P
8501 006100	Blue, Light	Reel	100 ft	612825209287	
8501 0061000	Blue, Light	Reel	1,000 ft	612825209294	P
8501 001100	Brown	Reel	100 ft	612825209164	
8501 0011000	Brown	Reel	1,000 ft	612825209171	P
8501 0081000	Gray	Reel	1,000 ft	612825209317	P
8501 005100	Green, Dark	Reel	100 ft	612825209263	
8501 0051000	Green, Dark	Reel	1,000 ft	612825209270	P
8501 003100	Orange	Reel	100 ft	612825209225	
8501 0031000	Orange	Reel	1,000 ft	612825209232	P
8501 002100	Red	Reel	100 ft	612825209201	
8501 0021000	Red	Reel	1,000 ft	612825209218	P
8501 0071000	Violet	Reel	1,000 ft	612825209300	P
8501 009100	White	Reel	100 ft	612825209331	
8501 0091000	White	Reel	1,000 ft	612825209348	P
8501 0141000	White, Black Stripe	Reel	1,000 ft	612825209386	
8501 0181000	White, Blue Stripe	Reel	1,000 ft	612825209409	A
8501 0211000	White, Gray Stripe	Reel	1,000 ft	612825209423	A
8501 0201000	White, Orange Stripe	Reel	1,000 ft	612825209416	
8501 0151000	White, Red Stripe	Reel	1,000 ft	612825209393	A
8501 004100	Yellow	Reel	100 ft	612825209249	
8501 0041000	Yellow	Reel	1,000 ft	612825209256	P

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'. A - STOCKED STRIPE COLORS.

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