



Product: [8500](#)

Lead Wire, #16 Str TC, PVC Ins, TYPE B MIL-W-16878/1

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 16AWG (19x29) 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
16	19x29	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.079 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:	10 lbs/1000ft
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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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

EU RoHS Compliance Date (yyyy-mm-dd):	2006-04-01
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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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8500 010100	Black	Reel	100 ft	612825209058
8500 0101000	Black	Reel	1,000 ft	612825209065
8500 006100	Blue, Light	Reel	100 ft	612825208969
8500 0061000	Blue, Light	Reel	1,000 ft	612825208976
8500 0011000	Brown	Reel	1,000 ft	612825208839
8500 0081000	Gray	Reel	1,000 ft	612825208990
8500 005100	Green, Dark	Reel	100 ft	612825208945
8500 0051000	Green, Dark	Reel	1,000 ft	612825208952
8500 0031000	Orange	Reel	1,000 ft	612825208907
8500 002100	Red	Reel	100 ft	612825208860
8500 0021000	Red	Reel	1,000 ft	612825208877
8500 0071000	Violet	Reel	1,000 ft	612825208983
8500 009100	White	Reel	100 ft	612825209010
8500 0091000	White	Reel	1,000 ft	612825209027
8500 0141000	White, Black Stripe	Reel	1,000 ft	612825209089
8500 0181000	White, Blue Stripe	Reel	1,000 ft	612825209126
8500 0191000	White, Brown Stripe	Reel	1,000 ft	612825209133
8500 0161000	White, Green Stripe	Reel	1,000 ft	612825209102
8500 0201000	White, Orange Stripe	Reel	1,000 ft	612825209140
8500 0151000	White, Red Stripe	Reel	1,000 ft	612825209096
8500 0171000	White, Yellow Stripe	Reel	1,000 ft	612825209119
8500 004100	Yellow	Reel	100 ft	612825208914
8500 0041000	Yellow	Reel	1,000 ft	612825208921

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'.
Footnote:	A - STOCKED STRIPE COLORS.

History

Update and Revision:	Revision Number: 0.280 Revision Date: 07-26-2020
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