



**Product:** [8500](#)

Lead Wire, #16 Str TC, PVC Ins, TYPE B MIL-W-16878/1 600V 105C

[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**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
16	19x29	TC - Tinned Copper	1

Conductor Count: 1

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.079 in	0.01 in

**Electrical Characteristics**

**Voltage**

Voltage Rating [V]
600 V

**Temperature Range**

Non-UL Temp Rating: 105°C

**Mechanical Characteristics**

Bulk Cable Weight: 10 lbs/1000ft

**Standards**

UL AWM Style:	N/A
Military Specification:	MIL-W-16878/1

**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
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL voltage rating: N/A

## Plenum/Non-Plenum

Plenum (Y/N): No

## 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: 0.256 Revision Date: 04-28-2020

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.