



**Product:** [8520](#)

Lead Wire, #14 Str TC, PVC Ins, TYPE MW MIL-W-76C-PVC 1000V 80C

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 14AWG (41x30) Tinned Copper, PVC Insulation, TYPE MW MIL-W-76C-PVC 1000V 80C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
14	41x30	TC - Tinned Copper	1

Conductor Count: 1

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.111 in	0.018 in

**Outer Jacket Material**

Material
No Jacket

**Electrical Characteristics**

**Voltage**

Voltage Rating [V]
1000 V

**Temperature Range**

Non-UL Temp Rating: 80°C

**Standards**

UL AWM Style:	N/A
Military Specification:	MIL-W-76C

**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):	2005-10-01

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	UPC	Length	Footnote
8520 010100	Black	612825210788	100 ft	
8520 0101000	Black	612825210795	1,000 ft	P
8520 013100	Blue, Dark	612825210801	100 ft	
8520 006100	Blue, Light	612825210733	100 ft	
8520 0061000	Blue, Light	612825210740	1,000 ft	P
8520 001100	Brown	612825210658	100 ft	
8520 0011000	Brown	612825210665	1,000 ft	P
8520 005100	Green, Dark	612825210719	100 ft	
8520 0051000	Green, Dark	612825210726	1,000 ft	P
8520 003100	Orange	612825210696	100 ft	
8520 0031000	Orange	612825210702	1,000 ft	P
8520 002100	Red	612825210672	100 ft	
8520 0021000	Red	612825210689	1,000 ft	P
8520 009100	White	612825210764	100 ft	
8520 0091000	White	612825210771	1,000 ft	P
8520 0181000	White, Blue Stripe		1,000 ft	A

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: 0.250 Revision Date: 04-02-2020

© 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.