



Product: [83002](#)

Lead Wire, #26 Str SPC, TFE Ins, AWM 1213

[Request Sample](#)

Product Description

High Temp Plastic Lead Wire, 26AWG (7x34) Silver Plated Copper, TFE Insulation, AWM 1213 105C TYPE E MIL-W-16878/4 600V 200C

Technical Specifications

Product Overview

Suitable Applications:	high temperature, inter-connection circuits, internal wiring of computer and electronic equipments, (Type E) MIL-W-16878/4 applications
------------------------	---

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
26	7x34	SC - Silvered Copper	1

Conductor Count:	1
------------------	---

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PTFE - Polytetrafluoroethylene	0.039 in	0.01 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
37.5 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Mil-Std-975M Table 3.16 (single wire)	Mil-Std-975M Table 3.16 (single wire): 2.5 A

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

Non-UL Temp Rating:	200°C
UL Temp Rating:	105°C
Operating Temp Range:	-70°C To +200°C

Mechanical Characteristics

Bulk Cable Weight:	2 lbs/1000ft
--------------------	--------------

Standards

UL AWM Style Compliance:	UL AWM Style 1213
NEMA Compliance:	HP3
Military Compliance:	MIL-W-16878/4

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):	2005-04-01
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
83002 010100	Black	Reel	100 ft	612825354864
83002 0101000	Black	Reel	1,000 ft	612825353850
83002 006100	Blue, Light	Reel	100 ft	612825353874
83002 0061000	Blue, Light	Reel	1,000 ft	612825399223
83002 001100	Brown	Reel	100 ft	
83002 0011000	Brown	Reel	1,000 ft	612825353911
83002 008100	Gray	Reel	100 ft	
83002 0081000	Gray	Reel	1,000 ft	612825399230
83002 005100	Green, Dark	Reel	100 ft	
83002 0051000	Green, Dark	Reel	1,000 ft	
83002 003100	Orange	Reel	100 ft	612825353898
83002 0031000	Orange	Reel	1,000 ft	
83002 002100	Red	Reel	100 ft	612825354895
83002 0021000	Red	Reel	1,000 ft	612825353904
83002 007100	Violet	Reel	100 ft	
83002 0071000	Violet	Reel	1,000 ft	
83002 009100	White	Reel	100 ft	
83002 0091000	White	Reel	1,000 ft	612825353867
83002 004100	Yellow	Reel	100 ft	
83002 0041000	Yellow	Reel	1,000 ft	612825399216

Footnote:	E - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'.
Footnote:	S - STRIPING ADDERS FOR TYPES E AND EE: 1, 2, 3 STRIPES. MINIMUM ORDER 10,000' PER STRIPE COMBINATION. (SEE STRIPING ADDER TABLE)

History

Update and Revision:	Revision Number: 0.311 Revision Date: 07-26-2020
----------------------	--

© 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.