



Product: [8597](#)

Lead Wire, #28 Str TC, PVC Ins, TYPE B MIL-W-16878/1 600V 105C

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 28AWG (7x36) Tinned Copper, PVC Insulation, TYPE B MIL-W-16878/1 600V 105C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
28	7x36	TC - Tinned Copper	1

Conductor Count: 1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.035 in	0.01 in

Electrical Characteristics

Current

Max. Recommended Current [A]
3.4 A

Voltage

Voltage Rating [V]
600 V

Temperature Range

Non-UL Temp Rating: 105°C

Mechanical Characteristics

Bulk Cable Weight: 1 lbs/1000ft

Standards

UL AWM Style:	N/A
Military Specification:	NEMA HP3, 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	UPC	Length
8597 010100	Black	612825213369	100 ft
8597 0101000	Black	612825213376	1,000 ft
8597 006100	Blue, Light	612825213291	100 ft
8597 0061000	Blue, Light	612825213307	1,000 ft
8597 0011000	Brown	612825213178	1,000 ft
8597 0081000	Gray	612825213321	1,000 ft
8597 0051000	Green, Dark	612825213284	1,000 ft
8597 0031000	Orange	612825213239	1,000 ft
8597 002100	Red	612825213208	100 ft
8597 0021000	Red	612825213215	1,000 ft
8597 0071000	Violet	612825213314	1,000 ft
8597 009100	White	612825213338	100 ft
8597 0091000	White	612825213345	1,000 ft
8597 004100	Yellow	612825213246	100 ft
8597 0041000	Yellow	612825213253	1,000 ft

History

Update and Revision:	Revision Number: 0.251 Revision Date: 04-08-2020
----------------------	--

© 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.