



Product: [8917](#)

Lead Wire, #16 Str TC, PVC Ins, AWM 1015 CSA TYPE TEW

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 16AWG (26x30) Tinned Copper, PVC Insulation, AWM 1015 CSA TYPE TEW JQA-F 600V 105C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	26x30	TC - Tinned Copper	1

Conductor Count: 1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.123 in	0.0315 in	0.03 in

Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.123 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
3.75 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	Single conductor in free air @ 30C ambient 26 amps

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

UL Temp Rating:	105°C
Operating Temp Range:	-30°C To +105°C

Mechanical Characteristics

Bulk Cable Weight:	13.75 lbs/1000ft
Min Bend Radius/Minor Axis:	1 in

Standards

NEC/(UL) Specification:	MTW
UL AWM Style:	AWM 1015/1230
CSA Rating:	600 V, 105°C

CSA AWM Specification:	AWM I A/B
CSA Type:	AWM I A/B or TEW
Military Specification:	N/A

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):	2005-07-01
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

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

Part Number

Variants

Item #	Color	UPC	Length	Footnote
8917 010100	Black	612825219392	100 ft	
8917 0101000	Black	612825219408	1,000 ft	P
8917 010500	Black	612825348009	500 ft	
8917 0105000	Black	612825219415	5,000 ft	C P
8917 013100	Blue, Dark	612825219453	100 ft	
8917 0131000	Blue, Dark	612825219460	1,000 ft	P
8917 013500	Blue, Dark	612825219477	500 ft	
8917 0135000	Blue, Dark	612825219484	5,000 ft	C
8917 001100	Brown	612825219019	100 ft	
8917 0011000	Brown	612825219026	1,000 ft	P
8917 0081000	Gray	612825219286	1,000 ft	C P
8917 005100	Green, Dark	612825219194	100 ft	
8917 0051000	Green, Dark	612825219200	1,000 ft	P
8917 005500	Green, Dark	612825219217	500 ft	
8917 189100	Green, Yellow Stripe	612825219521	100 ft	A
8917 1891000	Green, Yellow Stripe	612825219538	1,000 ft	C A
8917 003100	Orange	612825219118	100 ft	
8917 0031000	Orange	612825219125	1,000 ft	P
8917 002100	Red	612825219071	100 ft	
8917 0021000	Red	612825219088	1,000 ft	C P
8917 002500	Red	612825219095	500 ft	
8917 0025000	Red	612825219101	5,000 ft	C
8917 0071000	Violet	612825219248	1,000 ft	P
8917 009100	White	612825219316	100 ft	
8917 0091000	White	612825219323	1,000 ft	P
8917 009500	White	612825219330	500 ft	
8917 0095000	White	612825219347	5,000 ft	C
8917 004100	Yellow	612825219156	100 ft	
8917 0041000	Yellow	612825219163	1,000 ft	C P

Footnote:

C - CRATE REEL PUT-UP.

Footnote:	A - STOCKED STRIPE COLORS.
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'.

History

Update and Revision:	Revision Number: 0.281 Revision Date: 12-19-2019
----------------------	--

© 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.