



**Product:** [9912](#)

Lead Wire, #12 Str TC, PVC Ins, AWM 1015 CSA TYPE TEW

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 12AWG (65x30) 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
12	65x30	TC - Tinned Copper	1

Conductor Count:

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.158 in	0.030 in	0.03 in

**Outer Jacket Material**

Material
No Jacket

**Construction and Dimensions**

**Cabling**

Twists
6 twist/ft

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
1.5 Ohm/1000ft

**Current**

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	51.0 A

**Voltage**

Non-UL Voltage Rating	UL Voltage Rating
600 V	600 V RMS

**Temperature Range**

Non-UL Temp Rating:	105°C
UL Temp Rating:	105°C
Operating Temp Range:	-25°C To +105°C

**Mechanical Characteristics**

Bulk Cable Weight:	27.8 lbs/1000ft
--------------------	-----------------

## Standards

UL Rating:	600V, 105°C
UL AWM Style:	MTW or TW or AWM 1015/1230
CSA Rating:	600V, 105°C
CSA AWM Specification:	AWM I A/B or TEW
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

## Part Number

### Variants

Item #	Color	UPC	Length	Footnote
9912 010100	Black	612825261520	100 ft	
9912 0102000	Black	612825261537	2,000 ft	C
9912 010250	Black	612825261544	250 ft	
9912 013100	Blue, Dark	612825261575	100 ft	
9912 013250	Blue, Dark	612825261582	250 ft	
9912 001100	Brown	612825261278	100 ft	
9912 008250	Gray	612825261421	250 ft	
9912 005100	Green, Dark	612825261377	100 ft	
9912 0052000	Green, Dark	612825261384	2,000 ft	C
9912 005250	Green, Dark	612825261391	250 ft	
9912 003250	Orange	612825261322	250 ft	
9912 002100	Red	612825261292	100 ft	
9912 0022000	Red	612825261308	2,000 ft	C
9912 002250	Red	612825261315	250 ft	
9912 009100	White	612825261452	100 ft	
9912 0092000	White	612825261469	2,000 ft	C
9912 009250	White	612825261476	250 ft	
9912 004100	Yellow	612825261339	100 ft	
9912 004250	Yellow	612825261346	250 ft	

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

## History

Update and Revision:	Revision Number: 0.291 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.