


**Product: [8919](#)**
**Lead Wire, #20 Str TC, PVC Ins, AWM 1015 AWM 1230**
[Request Sample](#)
**Product Description**

Low Temp Plastic Lead Wire, 20AWG (10x30) Tinned Copper, PVC Insulation, AWM 1015 AWM 1230 CSA TYPE TEW JQA-F 600V 105C

**Technical Specifications**
**Product Overview**

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, internal wiring of appliances, machine tool wire
------------------------	--

**Physical Characteristics (Overall)**
**Conductor**

AWG	Stranding	Material	No. of Conductors
20	10x30	TC - Tinned Copper	1

Conductor Count: 1

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.1 in	0.03 in

**Electrical Characteristics**
**Voltage**

UL Voltage Rating
-------------------

600 V RMS

**Temperature Range**

Non-UL Temp Rating:	105°C
---------------------	-------

UL Temp Rating:	105°C
-----------------	-------

**Mechanical Characteristics**

Bulk Cable Weight:	7.5 lbs/1000ft
--------------------	----------------

**Standards**

NEC Articles:	Article 310
NEC/(UL) Compliance:	MTW
UL AWM Style Compliance:	UL AWM Styles 1015, 1230
CSA Rating:	600 V, 105°C
CSA AWM Compliance:	CSA AWM I A/B
CSA Type:	AWM I A/B or TEW

**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
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LS0H, 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	Putup Type	Length	UPC
8919 010100	Black	Reel	100 ft	612825220404
8919 0101000	Black	Reel	1,000 ft	612825220411
8919 0105000	Black	Reel	5,000 ft	612825220428
8919 013100	Blue, Dark	Reel	100 ft	612825220435
8919 0131000	Blue, Dark	Reel	1,000 ft	612825220442
8919 0135000	Blue, Dark	Reel	5,000 ft	612825220459
8919 0011000	Brown	Reel	1,000 ft	612825220176
8919 0081000	Gray	Reel	1,000 ft	612825220336
8919 005100	Green, Dark	Reel	100 ft	612825220299
8919 0051000	Green, Dark	Reel	1,000 ft	612825220305
8919 0031000	Orange	Reel	1,000 ft	612825220220
8919 002100	Red	Reel	100 ft	612825220190
8919 0021000	Red	Reel	1,000 ft	612825220206
8919 009100	White	Reel	100 ft	612825220350
8919 0091000	White	Reel	1,000 ft	612825220367
8919 004100	Yellow	Reel	100 ft	612825220251
8919 0041000	Yellow	Reel	1,000 ft	612825220268

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: C - CRATE REEL PUT-UP.

## History

Update and Revision:	Revision Number: 0.289 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.