



Product: [9910](#) 

Lead Wire, #10 Str TC, PVC Ins, AWM 1015 AWM 1230

 [Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 10AWG (65x28) 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
------------------------	--

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	10 AWG	65x28	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.18 in (4.6 mm)
Overall Cable Diameter (Nominal):		0.18 in (4.6 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
6.5 Ohm/1000ft	Single conductor in free air @ 30°C: 6.5 A

Nom Outer Shield DCR@Cond DCR1-cnvt: 6 Ohm/km (1.8 Ohm/1000ft)

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
1.8 in (46 mm)	1.8 in (46 mm)

Max. Pull Tension:	115 lbs (52.2 kg)
Bulk Cable Weight:	43 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1

NEC / UL Compliance:	Article 310, MTW or TW
AWM Compliance:	AWM 1015, AWM 1230, CSA AWM I A/B
CEC / C(UL) Compliance:	TEW
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.488 Revision Date: 09-07-2025
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9910 010100	Black	Reel	100 ft	612825260790	
9910 010250	Black	Reel	250 ft	612825260813	
9910 0102000	Black	Reel	2,000 ft	612825260806	C
9910 002100	Red	Reel	100 ft	612825260714	
9910 002250	Red	Reel	250 ft	612825260738	
9910 0022000	Red	Reel	2,000 ft	612825260721	C
9910 009100	White	Reel	100 ft	612825260769	
9910 009250	White	Reel	250 ft	612825260783	
9910 0092000	White	Reel	2,000 ft	612825260776	C
9910 004100	Yellow	Reel	100 ft	612825260745	
9910 004250	Yellow	Reel	250 ft	612825260752	

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

© 2025 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.