



Product: [8916](#)

Lead Wire, #14 Str TC, PVC Ins, AWM 1015 AWM 1230

Request Sample

Product Description

Low Temp Plastic Lead Wire, 14AWG (41x30) 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	14 AWG	41x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.138 in (3.51 mm)

Overall Cable Diameter (Nominal):	0.138 in (3.51 mm)
-----------------------------------	--------------------

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
2.7 Ohm/1000ft	Single conductor in free air @ 30°C: 39 A

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.
1.38 in (35.1 mm)	1.38 in (35.1 mm)

Max. Pull Tension:	51 lbs (23 kg)
Bulk Cable Weight:	19 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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.498 Revision Date: 04-19-2023
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8916 010100	Black	Reel	100 ft	612825218869	
8916 010500	Black	Reel	500 ft	612825218883	
8916 0104000	Black	Reel	4,000 ft	612825218876	C
8916 013100	Blue, Dark	Reel	100 ft	612825218913	
8916 013500	Blue, Dark	Reel	500 ft	612825218920	
8916 001100	Brown	Reel	100 ft	612825218487	
8916 001500	Brown	Reel	500 ft	612825218500	
8916 0014000	Brown	Reel	4,000 ft	612825218494	C P
8916 008500	Gray	Reel	500 ft	612825218739	P
8916 005100	Green, Dark	Reel	100 ft	612825218692	
8916 005500	Green, Dark	Reel	500 ft	612825218715	
8916 0054000	Green, Dark	Reel	4,000 ft	612825218708	C P
8916 189100	Green, Yellow Stripe	Reel	100 ft	612825347996	A
8916 189500	Green, Yellow Stripe	Reel	500 ft	612825218968	A
8916 003100	Orange	Reel	100 ft	612825218609	
8916 003500	Orange	Reel	500 ft	612825218616	
8916 002100	Red	Reel	100 ft	612825218555	
8916 002500	Red	Reel	500 ft	612825218579	
8916 0024000	Red	Reel	4,000 ft	612825218562	C P
8916 007500	Violet	Reel	500 ft	612825218722	P
8916 009100	White	Reel	100 ft	612825218784	
8916 009500	White	Reel	500 ft	612825218791	
8916 004100	Yellow	Reel	100 ft	612825218647	
8916 004500	Yellow	Reel	500 ft	612825218654	

© 2023 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.