



Product: [35616](#)

Lead Wire, #16 Str TC, XLPO Ins, AWM 3173

Request Sample

Product Description

Rubber Lead Wire, 16AWG (26x30) Tinned Copper, XLPO Insulation, AWM 3173 CSA TYPE CL1251 600V 125C

Technical Specifications

Product Overview

Suitable Applications:	Class 130(B) motor lead systems, internal wiring of appliances
------------------------	--

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	16	26x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
XLP, XLPO, XLPE (Thermoset)	0.032 in (0.81 mm)	0.122 in (3.10 mm)
Overall Cable Diameter (Nominal):	0.122 in (3.10 mm)	

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
4 Ohm/1000ft	Single conductor in free air @ 30°C: 28 A

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature
125°C

Bend Radius

Stationary Min.	Installation Min.
0.49 in (12 mm)	0.49 in (12 mm)
Max. Pull Tension:	35.1 lbs (15.9 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 12 Hours @ 325°F (163°C) ~ 8 Hours @ 350°F (177°C)
Bulk Cable Weight:	14 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
AWM Compliance:	AWM 3173
CEC / C(UL) Compliance:	CL-1251

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: 0.463 Revision Date: 01-20-2023
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
35616 010500	Black	Reel	500 ft	612825145103	F
35616 0105000	Black	Reel	5,000 ft	612825145110	C I U Z
35616 0065000	Blue, Light	Reel	5,000 ft	612825145080	C I U Z
35616 0015000	Brown	Reel	5,000 ft	612825145011	C I U Z
35616 005500	Green, Dark	Reel	500 ft	612825145066	F
35616 0055000	Green, Dark	Reel	5,000 ft	612825145073	C I U Z
35616 0035000	Orange	Reel	5,000 ft	612825145042	C I U Z
35616 002500	Red	Reel	500 ft	612825145028	F
35616 0025000	Red	Reel	5,000 ft	612825145035	C I U Z
35616 009500	White	Reel	500 ft	612825145097	F
35616 0045000	Yellow	Reel	5,000 ft	612825145059	C I U Z

© 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.