



Product: [35608](#)

Lead Wire, #8 Str TC, XLPO Ins, AWM 3195

Request Sample

Product Description
Rubber Lead Wire, 8AWG (133x29) Tinned Copper, XLPO Insulation, AWM 3195 CSA TYPE CL1251 600V 125C

Technical Specifications

Product Overview

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

Construction Details

Conductor

Size	Stranding	Material
8 AWG	133x29	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
XLPE, XLPO, XLPE (Thermoset)	0.048 in (1.2 mm)	0.263 in (6.68 mm)

Overall Cable Diameter (Nominal):	0.263 in (6.68 mm)
-----------------------------------	--------------------

Electrical Characteristics

Electricals

Nom. Conductor DCR
0.65 Ohm/1000ft (2.1 Ohm/km)

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature
125°C

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)
Bulk Cable Weight:	74 lbs/1000ft (110 kg/km)

Standards and Compliance

Sustainability:	CA Prop 65
AWM Compliance:	AWM 3195
CEC / C(UL) Compliance:	CL-1251
European Directive Compliance:	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

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
35608 0102000	Black	Reel	2,000 ft	612825144922	C F
35608 0092000	White	Reel	2,000 ft	612825144915	C F

© 2024 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.