


Product: [37502](#)
Lead Wire, #2 Str TC, EPDM Ins, AWM 3499
[Request Sample](#)
Product Description

Rubber Lead Wire, 2AWG (163x24) Tinned Copper, EPDM Insulation, AWM 3499 7500V 150C

Technical Specifications
Product Overview

Suitable Applications:	internal wiring of appliances, high voltage and high temperature applications
------------------------	---

Construction Details
Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	2 AWG	163x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.131 in (3.33 mm)	0.581 in (14.8 mm)

Overall Cable Diameter (Nominal): 0.581 in (14.8 mm)

Electrical Characteristics
Electricals

Nom. Conductor DCR	Max. Current
0.172 Ohm/1000ft	256 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
7500 V (AWM 3499)

Mechanical Characteristics
Temperature

UL Temperature	Operating
150°C	-55°C To +150°C

Bend Radius

Stationary Min.	Installation Min.
5.81 in (148 mm)	5.81 in (148 mm)

Max. Pull Tension: 824.6 lbs (374.0 kg)

Bulk Cable Weight: 317 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	Horizontal flame
AWM Compliance:	AWM 3499

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)

Product Notes

Notes: Separartor Material over Conductor: Y

History

Update and Revision: Revision Number: 0.487 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
37502 01050	Black	Reel	50 ft	612825147275	C
37502 010500	Black	Reel	500 ft	612825147282	C F
37502 0101000	Black	Reel	1,000 ft	612825147268	C F

Footnote: C - CRATE REEL PUT-UP., F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.

© 2026 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 "AS IS" 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.