



Part Number: 37508

Lead Wire, #8 Str TC, EPDM Ins, AWM 3499 7500V

[Request Sample](#)

Product Description

Rubber Lead Wire, 8AWG (84x27) Tinned Copper, EPDM Insulation, AWM 3499 7500V 150C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
8	84x27	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	8 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
EPDM - Ethylene Propylene Diene Monomer Rubber	0.423 in	0.131 in
EPDM - Ethylene Propylene Diene Monomer Rubber		

Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.423 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.6 Ohm/1000ft

Current

Max. Recommended Current [A]
Single conductor in free air @ 30C ambient 155 amps

Voltage

UL Voltage Rating
7500 VRMS UL AWM 3499

Temperature Range

UL Temp Rating:	150°C
-----------------	-------

Mechanical Characteristics

Bulk Cable Weight:	120.9 lbs/1000ft
--------------------	------------------

Standards

UL AWM Style:	3499
Military Specification:	N/A

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:	7500 V RMS UL AWM 3499
--------------------	------------------------

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Part Number

Variants

Item #	Color	Footnote
37508 0101000	Black	C F
37508 01050	Black	C
37508 010500	Black	C F

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

Product Notes

Notes:	Separator Material over Conductor: Y
--------	--------------------------------------

© 2019 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.