



**Product:** [37508](#)

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

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**Product Description**

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

**Technical Specifications**

**Product Overview**

Suitable Applications:	internal wiring of appliances, high voltage and high temperature applications
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**Physical Characteristics (Overall)**

**Conductor**

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

Conductor Count:	1
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**Insulation**

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

**Electrical Characteristics**

**Conductor DCR**

<b>Nominal Conductor DCR</b>
0.64 Ohm/1000ft

**Current**

<b>Max. Recommended Current [A]</b>
Single conductor in free air @ 30°C: 106 A

**Voltage**

<b>UL Voltage Rating</b>
7500 V RMS

**Temperature Range**

UL Temp Rating:	150°C
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**Mechanical Characteristics**

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	120.9 lbs/1000ft

**Standards**

UL AWM Style Compliance:	UL AWM Style 3499
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**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:	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL voltage rating:	7500 V RMS UL AWM 3499
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Putup Type	Length	UPC
37508 01050	Black	Reel	50 ft	612825147367
37508 010500	Black	Reel	500 ft	612825147374
37508 0101000	Black	Reel	1,000 ft	612825147350

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
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## History

Update and Revision:	Revision Number: 0.298 Revision Date: 07-26-2020
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