



Part Number: 37504

Lead Wire, #4 Str TC, EPDM Ins, AWM 3499 7500V

 [Request Sample](#)

Product Description

Rubber Lead Wire, 4AWG (105x24) Tinned Copper, EPDM Insulation, AWM 3499 7500V 150C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
4	105x24	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
EPDM - Ethylene Propylene Diene Monomer Rubber	0.526 in	0.13 in	0.125 in
EPDM - Ethylene Propylene Diene Monomer Rubber			

Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.526 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.24 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C	Single conductor in free air @ 30C 190 A

Voltage

UL Description	UL Voltage Rating
UL AWM 3499	7500 V RMS

Temperature Range

UL Temp Rating:	150°C
Operating Temp Range:	-55°C To +150°C

Mechanical Characteristics

Bulk Cable Weight:	230 lbs/1000ft
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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
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	UPC	Length	Footnote
37504 0101000	Black	612825147299	1,000 ft	C F
37504 01050	Black	612825147305	50 ft	C
37504 010500	Black	612825147312	500 ft	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 Tape over Conductor: Yes
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History

Update and Revision:	Revision Number: 0.277 Revision Date: 08-22-2019
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