



Product: [37500](#)

Lead Wire, #2/0 Str TC, EPDM Ins, AWM 3499

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Product Description

Rubber Lead Wire, 2/0AWG (504x26) 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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Construction Details

Conductor

Size	Stranding	Material
2/0 AWG	504x26	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.134 in (3.40 mm)	0.753 in (19.1 mm)
Cable Diameter (Nominal):	0.739 in (18.8 mm)	

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.08 Ohm/1000ft (0.26 Ohm/km)	Single conductor in free air @ 30°C: 390 A

Voltage

UL Voltage Rating
7500 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
150°C	-55°C To +150°C
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	562 lbs/1000ft (836 kg/km)

Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Fire Resistance:	Horizontal
AWM Compliance:	UL AWM Style 3499
European Directive Compliance:	EU CE Mark, 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:	Exact strand count may vary.
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History

Update and Revision:	Revision Number: 0.331 Revision Date: 10-11-2021
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