



Product: [37101](#)

Lead Wire, #1 Str TC, EPDM Ins, AWM 3340 AWM 3374

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Product Description

Rubber Lead Wire, 1AWG (210x24) Tinned Copper, EPDM Insulation, AWM 3340 AWM 3374 CSA TYPE CL1254 600V 125C FLEX 150C NO FLEX

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
1	210x24	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	0.583 in	0.104 in	0.095 in
EPDM - Ethylene Propylene Diene Monomer			

Outer Jacket Material

Nominal Diameter
0.583 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.12 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	Single conductor in free air @ 30C ambient 293 amps

Voltage

UL Description	UL Voltage Rating
UL AWM 3340	600 V RMS
UL AWM 3374	600 V RMS

Temperature Range

UL Temp Rating:	125°C Flexing, 150°C Stationary (UL AWM Style 3340, 3374)
Operating Temp Range:	-55°C To +150°C

Mechanical Characteristics

Bulk Cable Weight:	365 lbs/1000ft
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Standards

UL AWM Style:	UL Style 3340, UL Style 3374
CSA Rating:	600 V, 125°C

CSA Type:	CL1254
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 CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL voltage rating:	600 V RMS
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
37101 010100	Black	Reel	100 ft	612825146629
37101 010250	Black	Reel	250 ft	612825146643
37101 0101000	Black	Reel	1,000 ft	612825146636

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: 0.292 Revision Date: 04-28-2020
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