



Part Number: 37190

Hook-Up/Lead Wire UL AWM Style 3340 & 3374, (1) 1/0 AWG (262x24) TC, EPDM, 600V, 150°C

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Product Description

One 1/0 AWG stranded (262x24) tinned copper conductor, EPDM insulation.

Technical Specifications

Product Overview

Suitable Applications:	Motor leads and internal wiring of appliances
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
1/0	262x24	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	1/0 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
EPDM - Ethylene Propylene Diene Monomer Rubber	0.633 in	0.104 in	0.095 in
EPDM - Ethylene Propylene Diene Monomer Rubber			

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.1 Ohm/1000ft

Shielding:	Unshielded
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Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	Single conductor in free air @ 30C: 339 A

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

Mechanical Characteristics

Bulk Cable Weight:	433 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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	Horizontal
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
37190 010100	Black	C
37190 010250	Black	C F
37190 01050	Black	C
37190 010500	Black	C

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

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