



Part Number: 30806

Lead Wire, #6 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3125 CSA SEW-2

[Request Sample](#)

Product Description

Rubber Lead Wire, 6AWG (84x25) Tinned Copper, Silicone Insulation, Fiber Glass Outer Jacket, AWM 3125 CSA SEW-2 600V 200C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
6	84x25	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	6 AWG

Insulation

Material	Nominal Wall Thickness	Min. Average Wall Thickness
Silicone Rubber	0.063 in	0.06 in
Silicone with lacquered glass braid covering		

Outer Jacket Material

Material	Nominal Diameter
Lacquered Glass Braid Covering	0.368 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.38 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	165 amps

Voltage

UL Description	UL Voltage Rating
UL AWM 3125	600 V

Temperature Range

UL Temp Rating:	200°C
Operating Temp Range:	-70°C To +200°C

Mechanical Characteristics

Recommended Max Baking Cycles:	24 hours @ 410°F (210°C)
Bulk Cable Weight:	142 lbs/1000ft

Standards

UL AWM Style:	3125
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CSA Rating:	600 V, 200°C
CSA Type:	SEW-2
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, LSOH, Toxicity Testing

UL Flammability:	Horizontal
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	UPC	Length	Footnote
30806 010100	Black	612825140597	100 ft	
30806 0102000	Black	612825140603	2,000 ft	C F
30806 010500	Black	612825140610	500 ft	C F
30806 009100	White	612825140573	100 ft	
30806 009500	White	612825140580	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'.

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