Product: 30806 ⧉

Lead Wire, #6 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3125

⁑ 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

Product Overview

Suitable Applications:	Class 130(B), 155(F) or 180(H) insulation systems, internal wiring of lighting fixtures and appliances, high temperature applications

Physical Characteristics (Overall)

Conductor

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

Insulation

Material	Nominal Wall Thickness	Min. Average Wall Thickness
Silicone Rubber	0.063 in	0.06 in

Outer Jacket Material

Material	Nominal Diameter
Lacquered Glass Braid Covering	0.368 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.40 Ohm/1000ft

Current

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

Voltage

UL Voltage Rating
600 V RMS

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

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:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
30806 010100	Black	Reel	100 ft	612825140597
30806 010500	Black	Reel	500 ft	612825140610
30806 0102000	Black	Reel	2,000 ft	612825140603
30806 009100	White	Reel	100 ft	612825140573
30806 009500	White	Reel	500 ft	612825140580

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

History

Update and Revision:	Revision Number: 0.320 Revision Date: 07-26-2020

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