



Part Number: 30806

Hook-Up/Lead Wire UL Style 3126, (1) 6 AWG (84x25) TC, Silicone w/ Glass Braid, 600V, 200°C

[Request Sample](#)

Product Description

One 6 AWG stranded (84x25) tinned copper conductor, silicone insulation with lacquered glass braid covering.

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

Shielding:	Multiple or Specialty
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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
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	Footnote
30806 010100	Black	
30806 0102000	Black	C F
30806 010500	Black	C F
30806 009100	White	
30806 009500	White	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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