



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Part Number: 30802

Hook-Up/Lead Wire UL Style 3126, (1) 2 AWG (210x24) TC, Silicone w/ Glass Braid, 600V, 200°C

 [Request Sample](#)

Product Description

One 2 AWG stranded (210x24) tinned copper conductor, silicone insulation with lacquered glass braid covering.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
2	162x24	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	2 AWG

Insulation

Material	Nominal Wall Thickness	Min. Average Wall Thickness
Silicone Rubber	0.069 in	0.06 in
Silicone with lacquered glass braid covering		

Outer Jacket Material

Material	Nominal Diameter
Lacquered Glass Braid Covering	0.496 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.16 Ohm/1000ft

Shielding:	Multiple or Specialty
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Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	293 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:	298 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
30802 010250	Black	C F
30802 009250	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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