



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: 83000

Hook-Up/Lead Wire UL AWM Style 1213, (1) 30 AWG (7x38) SPC, TFE, 105°C

[Request Sample](#)

Product Description

One 30 AWG stranded (7x38) silver plated copper conductor, TFE insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
30	7x38	SCC - Silver-coated Copper	1

Conductor Count:	1
Conductor Size:	30 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.032 in	0.01 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Shielding:	Unshielded
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Current

Max. Recommended Current [A]
1.3 A

Voltage

Voltage Rating [V]
600 V

Temperature Range

Non-UL Temp Rating:	200°C
UL Temp Rating:	105°C

Mechanical Characteristics

Bulk Cable Weight:	1 lbs/1000ft
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Standards

UL AWM Style:	1213
Military Specification:	NEMA HP3, MIL-W-16878/4

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):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
83000 010100	Black	E
83000 0101000	Black	E S
83000 006100	Blue, Light	E
83000 0061000	Blue, Light	E S
83000 001100	Brown	E
83000 0011000	Brown	E S
83000 005100	Green, Dark	E
83000 0051000	Green, Dark	E S
83000 0031000	Orange	E S
83000 003100	Orange	E
83000 002100	Red	E
83000 0021000	Red	E S
83000 007100	Violet	E
83000 0071000	Violet	E S
83000 009100	White	E
83000 0091000	White	E S
83000 0041000	Yellow	E S
83000 004100	Yellow	E

Footnote:	E - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'.
Footnote:	S - STRIPING ADDERS FOR TYPES E AND EE: 1, 2, 3 STRIPES. MINIMUM ORDER 10,000' PER STRIPE COMBINATION. (SEE STRIPING ADDER TABLE)

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