



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: 83001

Hook-Up/Lead Wire UL AWM Style 1213, (1) 28 AWG (7x36) SPC, TFE, 105°C

[Request Sample](#)

Product Description

One 28 AWG stranded (7x36) silver plated copper conductor, TFE insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
28	7x36	SCC - Silver-coated Copper	1

Conductor Count:	1
Conductor Size:	28 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.035 in	0.01 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Shielding:	Unshielded
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Current

Element	Max. Recommended Current [A]
Single conductor in ambient air of 30C	1.8 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:	1.3 lbs/1000ft
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Standards

UL AWM Style:	1213
Military Specification:	NEMA HP3, MIL-W-16878/4 (Except For Stranding)

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
83001 010100	Black	E
83001 0101000	Black	E S
83001 006100	Blue, Light	E
83001 0061000	Blue, Light	E S
83001 001100	Brown	E
83001 0011000	Brown	E S
83001 008100	Gray	E
83001 0081000	Gray	E S
83001 005100	Green, Dark	E
83001 0051000	Green, Dark	E S
83001 003100	Orange	E
83001 0031000	Orange	E S
83001 002100	Red	E
83001 0021000	Red	E S
83001 007100	Violet	E
83001 0071000	Violet	E S
83001 009100	White	E
83001 0091000	White	E S
83001 004100	Yellow	E
83001 0041000	Yellow	E S

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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