



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: 83028**

Hook-Up/Lead Wire UL AWM Style 1180, (1) 20 AWG (7x28) SPC, TFE, 300V, 200°C

Request Sample

**Product Description**

One 20 AWG stranded (7x28) silver plated copper conductor, TFE insulation.

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
20	7x28	SCC - Silver-coated Copper	1

Conductor Count:	1
Conductor Size:	20 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.068 in	0.015 in

**Outer Jacket Material**

<b>Material</b>
No Jacket

**Electrical Characteristics**

Shielding:	Unshielded
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**Current**

<b>Max. Recommended Current [A]</b>
6.5 A

**Voltage**

Non-UL Voltage Rating	UL Voltage Rating
1000 V	300 V RMS

**Temperature Range**

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

**Mechanical Characteristics**

Bulk Cable Weight:	6.90 lbs/1000ft
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**Standards**

UL AWM Style:	1180
ISO/IEC Compliance:	Other Standards
Military Specification:	MIL-W-16878/5

**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, LSOH, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	300 V RMS

### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Part Number

#### Variants

Item #	Color	Footnote
83028 010100	Black	
83028 0101000	Black	S W
83028 006100	Blue, Light	
83028 0061000	Blue, Light	S W
83028 005100	Green, Dark	
83028 0051000	Green, Dark	S W
83028 003100	Orange	
83028 0031000	Orange	S W
83028 002100	Red	
83028 0021000	Red	S W
83028 009100	White	
83028 0091000	White	S W

Footnote:	S - STRIPING ADDERS FOR TYPES E AND EE: 1, 2, 3 STRIPES. MINIMUM ORDER 10,000' PER STRIPE COMBINATION. (SEE STRIPING ADDER TABLE)
Footnote:	W - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 75'.

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