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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: 8523

Hook-Up/ Lead Wire (Type MW) MIL-W-76C-PVC, (1) 20 AWG (10x30) TC, PVC

[Request Sample](#)

Product Description

One 20 AWG stranded (10x30) tinned copper, PVC insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	10x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	20 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.07 in	0.017 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
9 Ohm/1000ft

Shielding:	Unshielded
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Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	12.0 A

Voltage

Description	Voltage Rating [V]
Mil-W-76C	1000 V

Temperature Range

Non-UL Temp Rating:	80°C
Operating Temp Range:	-40°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	5 lbs/1000ft
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Standards

UL AWM Style:	N/A
Military Specification:	MIL-W-76C type MWP

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):	2005-10-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL voltage rating:	N/A
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
8523 010100	Black	
8523 0101000	Black	P
8523 013100	Blue, Dark	
8523 0131000	Blue, Dark	P
8523 006100	Blue, Light	
8523 0061000	Blue, Light	P
8523 001100	Brown	
8523 0011000	Brown	P
8523 008100	Gray	
8523 0081000	Gray	P
8523 005100	Green, Dark	
8523 0051000	Green, Dark	P
8523 003100	Orange	
8523 0031000	Orange	P
8523 002100	Red	
8523 0021000	Red	P
8523 007100	Violet	
8523 0071000	Violet	P
8523 009100	White	
8523 0091000	White	P
8523 0141000	White, Black Stripe	A
8523 018100	White, Blue Stripe	A
8523 0181000	White, Blue Stripe	A
8523 0211000	White, Gray Stripe	A
8523 0161000	White, Green Stripe	A
8523 004100	Yellow	
8523 0041000	Yellow	P

Footnote:	P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'.
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Footnote:	A - STOCKED STRIPE COLORS.
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