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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: 8521**

Hook-Up/ Lead Wire (Type MW) MIL-W-76C-PVC, (1) 16 AWG (26x30) TC, PVC

[Request Sample](#)

## Product Description

One 16 AWG stranded (26x30) tinned copper, PVC insulation.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
16	26x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	16 AWG

#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.098 in	0.019 in

#### Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.098 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
3.75 Ohm/1000ft

Shielding:	Unshielded
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#### Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	Single conductor in free air @ 30C ambient 22 A

#### Voltage

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

### Temperature Range

Operating Temp Range:	-40°C To +80°C
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### Mechanical Characteristics

Bulk Cable Weight:	12 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
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EU Directive 2003/96/EC (BFR):	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, LS0H, 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
8521 010100	Black	
8521 0101000	Black	P
8521 013100	Blue, Dark	
8521 0131000	Blue, Dark	P
8521 006100	Blue, Light	
8521 0061000	Blue, Light	P
8521 001100	Brown	
8521 0011000	Brown	P
8521 008100	Gray	
8521 0081000	Gray	P
8521 005100	Green, Dark	
8521 0051000	Green, Dark	P
8521 003100	Orange	
8521 0031000	Orange	P
8521 012100	Pink	
8521 002100	Red	
8521 0021000	Red	P
8521 011100	Tan	
8521 0111000	Tan	P
8521 007100	Violet	
8521 0071000	Violet	P
8521 009100	White	
8521 0091000	White	P
8521 0141000	White, Black Stripe	A
8521 018100	White, Blue Stripe	A
8521 0181000	White, Blue Stripe	A
8521 0191000	White, Brown Stripe	A
8521 0211000	White, Gray Stripe	
8521 0161000	White, Green Stripe	A
8521 0201000	White, Orange Stripe	A
8521 0151000	White, Red Stripe	A
8521 0221000	White, Violet Stripe	A
8521 0171000	White, Yellow Stripe	A
8521 004100	Yellow	
8521 0041000	Yellow	P

Footnote:	A - STOCKED STRIPE COLORS.
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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