



Part Number: 8521

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

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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