



**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
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#### Insulation

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

#### Outer Jacket Material

Nominal Diameter
0.098 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
3.75 Ohm/1000ft

#### 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

#### Part Number

Plenum (Y/N):	No
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#### Variants

Item #	Color
8521 010100	BLACK
8521 0101000	BLACK
8521 013100	BLUE, DARK
8521 0131000	BLUE, DARK
8521 006100	BLUE, LIGHT
8521 0061000	BLUE, LIGHT
8521 001100	BROWN
8521 0011000	BROWN
8521 008100	GRAY
8521 0081000	GRAY
8521 005100	GREEN, DARK
8521 0051000	GREEN, DARK
8521 003100	ORANGE
8521 0031000	ORANGE
8521 012100	PINK
8521 002100	RED
8521 0021000	RED
8521 011100	TAN
8521 0111000	TAN
8521 007100	VIOLET
8521 0071000	VIOLET
8521 009100	WHITE
8521 0091000	WHITE
8521 0141000	WHITE, BLACK STRIPE
8521 018100	WHITE, BLUE STRIPE
8521 0181000	WHITE, BLUE STRIPE
8521 0191000	WHITE, BROWN STRIPE
8521 0211000	WHITE, GRAY STRIPE
8521 0161000	WHITE, GREEN STRIPE
8521 0201000	WHITE, ORANGE STRIPE
8521 0151000	WHITE, RED STRIPE
8521 0221000	WHITE, VIOLET STRIPE
8521 0171000	WHITE, YELLOW STRIPE
8521 004100	YELLOW
8521 0041000	YELLOW

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.