



**Part Number:** 8522

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

## Product Description

One 18 AWG stranded (16x30) tinned copper, PVC insulation.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
18	16x30	TC - Tinned Copper	1
<b>Total Number of Conductors:</b>			1

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

#### Outerjacket 1:

Nominal Diameter
0.08 in

### Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
6.35 Ohm/1000ft

### Current:

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	16 amps

### Voltage:

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

## Use

## Safety

## Temperature Range

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

## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
MIL Spec Rating:	MIL Spec Rating
Military Specification:	Military Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
8522 0011000	BROWN	Reel	1000 ft
8522 001100	BROWN	Reel	100 ft
8522 0021000	RED	Reel	1000 ft
8522 002100	RED	Reel	100 ft
8522 0031000	ORANGE	Reel	1000 ft
8522 003100	ORANGE	Reel	100 ft
8522 0041000	YELLOW	Reel	1000 ft
8522 004100	YELLOW	Reel	100 ft
8522 0051000	GREEN, DARK	Reel	1000 ft
8522 005100	GREEN, DARK	Reel	100 ft
8522 0061000	BLUE, LIGHT	Reel	1000 ft
8522 006100	BLUE, LIGHT	Reel	100 ft
8522 0071000	VIOLET	Reel	1000 ft
8522 007100	VIOLET	Reel	100 ft
8522 0081000	GRAY	Reel	1000 ft
8522 008100	GRAY	Reel	100 ft
8522 0091000	WHITE	Reel	1000 ft
8522 009100	WHITE	Reel	100 ft
8522 0101000	BLACK	Reel	1000 ft
8522 010100	BLACK	Reel	100 ft
8522 0111000	TAN	Reel	1000 ft
8522 0121000	PINK	Reel	1000 ft
8522 0131000	BLUE, DARK	Reel	1000 ft
8522 013100	BLUE, DARK	Reel	100 ft
8522 0141000	WHITE, BLACK STRIPE	Reel	1000 ft
8522 014100	WHITE, BLACK STRIPE	Reel	100 ft
8522 0151000	WHITE, RED STRIPE	Reel	1000 ft
8522 0161000	WHITE, GREEN STRIPE	Reel	1000 ft
8522 0181000	WHITE, BLUE STRIPE	Reel	1000 ft
8522 018100	WHITE, BLUE STRIPE	Reel	100 ft
8522 0201000	WHITE, ORANGE STRIPE	Reel	1000 ft
8522 020100	WHITE, ORANGE STRIPE	Reel	100 ft
8522 0261000	WHITE, BLACK AND BLUE STRIPE	Reel	1000 ft
8522 0301000	WHITE, BLACK AND VIOLET STRIPE	Reel	1000 ft

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