

Part Number: 8523

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

## Product Description

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

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

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

<b>Total Number of Conductors:</b>	1
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#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

#### Outerjacket 1:

Nominal Diameter
0.07 in

### Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
9 Ohm/1000ft

#### Current:

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	12 amps

## Voltage:

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

## Use

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## Safety

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## Temperature Range

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

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## Part Number

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Plenum (Y/N):	No
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## Standards

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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

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## Product Variants

Part Number	Color	Put-Up Type	Length
8523 0011000	BROWN	Reel	1000 ft
8523 001100	BROWN	Reel	100 ft
8523 0021000	RED	Reel	1000 ft
8523 002100	RED	Reel	100 ft
8523 0031000	ORANGE	Reel	1000 ft
8523 003100	ORANGE	Reel	100 ft
8523 0041000	YELLOW	Reel	1000 ft
8523 004100	YELLOW	Reel	100 ft
8523 0051000	GREEN, DARK	Reel	1000 ft
8523 005100	GREEN, DARK	Reel	100 ft
8523 0061000	BLUE, LIGHT	Reel	1000 ft
8523 006100	BLUE, LIGHT	Reel	100 ft
8523 0071000	VIOLET	Reel	1000 ft
8523 007100	VIOLET	Reel	100 ft
8523 0081000	GRAY	Reel	1000 ft
8523 008100	GRAY	Reel	100 ft
8523 0091000	WHITE	Reel	1000 ft
8523 009100	WHITE	Reel	100 ft
8523 0101000	BLACK	Reel	1000 ft
8523 010100	BLACK	Reel	100 ft
8523 0131000	BLUE, DARK	Reel	1000 ft
8523 013100	BLUE, DARK	Reel	100 ft
8523 0141000	WHITE, BLACK STRIPE	Reel	1000 ft
8523 0161000	WHITE, GREEN STRIPE	Reel	1000 ft
8523 0181000	WHITE, BLUE STRIPE	Reel	1000 ft
8523 018100	WHITE, BLUE STRIPE	Reel	100 ft
8523 0211000	WHITE, GRAY STRIPE	Reel	1000 ft

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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.