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please call

1-800-Belden1



### General Description:

Tinned copper, PVC insulation, medium wall. The extruded PVC insulation is flame and ozone resistant. Inert to most chemicals, oils, and solvents. Covers single cond., PVC insulated hook-up wire for internal wiring of electrical and electronic equipment.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	18	16x30	TC - Tinned Copper

Total Number of Conductors: 1

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.4318

#### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 2.032 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +80°C

Bulk Cable Weight: 10.417 Kg/Km

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Military Specification:	MIL-W-76C type MWP
MIL Spec Rating:	1000 V, 80°C

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

METRIC MEASUREMENT VERSION

## 8522 Hook-up/Lead - (Type MW) MIL-W-76C-PVC

**DCR @ 20°C (Ohm/km)**

20.834

**Max. Operating Voltage - Other:**

Voltage	Description
1000 V RMS	Mil-W-76C

**Max. Recommended Current:**

Description	Current
Single conductor in free air @ 30C ambient	16 amps

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8522 001100	30 MT	0.363 KG	BROWN		18 STR PVC BRN
8522 0011000	305 MT	3.629 KG	BROWN	P	18 STR PVC BRN
8522 002100	30 MT	0.363 KG	RED		18 STR PVC RED
8522 0021000	305 MT	3.629 KG	RED	P	18 STR PVC RED
8522 003100	30 MT	0.363 KG	ORANGE		18 STR PVC ORG
8522 0031000	305 MT	3.629 KG	ORANGE	P	18 STR PVC ORG
8522 004100	30 MT	0.363 KG	YELLOW		18 STR PVC YEL
8522 0041000	305 MT	3.629 KG	YELLOW	P	18 STR PVC YEL
8522 005100	30 MT	0.363 KG	GREEN, DARK		18 STR PVC GRN
8522 0051000	305 MT	3.629 KG	GREEN, DARK	P	18 STR PVC GRN
8522 006100	30 MT	0.363 KG	BLUE, LIGHT		18 STR PVC LBLU
8522 0061000	305 MT	3.629 KG	BLUE, LIGHT	P	18 STR PVC LBLU
8522 007100	30 MT	0.363 KG	VIOLET		18 STR PVC VIO
8522 0071000	305 MT	3.629 KG	VIOLET	P	18 STR PVC VIO
8522 008100	30 MT	0.363 KG	GRAY		18 STR PVC GRY
8522 0081000	305 MT	3.629 KG	GRAY	P	18 STR PVC GRY
8522 009100	30 MT	0.363 KG	WHITE		18 STR PVC WHT
8522 0091000	305 MT	3.629 KG	WHITE	P	18 STR PVC WHT
8522 010100	30 MT	0.363 KG	BLACK		18 STR PVC BLK
8522 0101000	305 MT	3.629 KG	BLACK	P	18 STR PVC BLK
8522 0111000	305 MT	3.629 KG	TAN	P	18 STR PVC TAN
8522 0121000	305 MT	3.629 KG	PINK	P	18 STR PVC PNK
8522 013100	30 MT	0.363 KG	BLUE, DARK		18 STR PVC DBLU
8522 0131000	305 MT	3.629 KG	BLUE, DARK	P	18 STR PVC DBLU
8522 014100	30 MT	0.363 KG	WHITE/BLACK	A	18 STR PVC WHT/BLK
8522 0141000	305 MT	3.629 KG	WHITE/BLACK	A	18 STR PVC WHT/BLK
8522 0151000	305 MT	3.629 KG	WHITE/RED	A	18 STR PVC WHT/RED
8522 0161000	305 MT	3.629 KG	WHITE/GREEN	A	18 STR PVC WHT/GRN
8522 018100	30 MT	0.363 KG	WHITE/BLUE	A	18 STR PVC WHT/BLU
8522 0181000	305 MT	3.629 KG	WHITE/BLUE	A	18 STR PVC WHT/BLU
8522 020100	30 MT	0.363 KG	WHITE/ORANGE	A	18 STR PVC WHT/ORG
8522 0201000	305 MT	3.629 KG	WHITE/ORANGE	A	18 STR PVC WHT/ORG
8522 0261000	305 MT	3.629 KG	WHITE/BLACK/BLUE	A	18 STR PVC WHT/BLK/BLU
8522 0301000	305 MT	3.629 KG	WHITE/BLACK/VIOLET	A	18 STR PVC WHT/BLK/VIO

**Notes:**

A = STOCKED STRIPE COLORS.

P = STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M' FOR 1 OR 2 STRIPES. 10000' MINIMUM ORDER FOR COLOR COMBINATION.PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL

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## **8522 Hook-up/Lead - (Type MW) MIL-W-76C-PVC**

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