

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

 For more Information
 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

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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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