Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

BELDEN
SENDING ALL THE RIGHT SIGNALS

8521 Hook-up/Lead - (Type MW) MIL-W-76C- PVC

For more Information
please call

1-800-Belden1

RoHS COMPLIANT
ENVIRONMENTALLY FRIENDLY

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	16	26x30	TC - Tinned Copper

Total Number of Conductors: 1

Insulation
Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.019

Overall Insulation
Overall Cable

Overall Nominal Diameter: 0.098 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Bulk Cable Weight:	12 lbs/1000 ft.

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:

DCR @ 20°C (Ohm/1000 ft)
3.750

Max. Operating Voltage - Other:

Voltage	Description
1000 V RMS	Mil-W-76C

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	22 A

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8521 001100	100 FT	1.300 LB	BROWN		16 STR PVC BRN
8521 0011000	1,000 FT	13.000 LB	BROWN	P	16 STR PVC BRN
8521 002100	100 FT	1.300 LB	RED		16 STR PVC RED
8521 0021000	1,000 FT	13.000 LB	RED	P	16 STR PVC RED
8521 003100	100 FT	1.300 LB	ORANGE		16 STR PVC ORG
8521 0031000	1,000 FT	13.000 LB	ORANGE	P	16 STR PVC ORG
8521 004100	100 FT	1.300 LB	YELLOW		16 STR PVC YEL
8521 0041000	1,000 FT	13.000 LB	YELLOW	P	16 STR PVC YEL
8521 005100	100 FT	1.300 LB	GREEN, DARK		16 STR PVC GRN
8521 0051000	1,000 FT	13.000 LB	GREEN, DARK	P	16 STR PVC GRN
8521 006100	100 FT	1.300 LB	BLUE, LIGHT		16 STR PVC LBLU
8521 0061000	1,000 FT	13.000 LB	BLUE, LIGHT	P	16 STR PVC LBLU
8521 007100	100 FT	1.300 LB	VIOLET		16 STR PVC VIO
8521 0071000	1,000 FT	13.000 LB	VIOLET	P	16 STR PVC VIO
8521 008100	100 FT	1.300 LB	GRAY		16 STR PVC GRY
8521 0081000	1,000 FT	13.000 LB	GRAY	P	16 STR PVC GRY
8521 009100	100 FT	1.300 LB	WHITE		16 STR PVC WHT
8521 0091000	1,000 FT	13.000 LB	WHITE	P	16 STR PVC WHT
8521 010100	100 FT	1.300 LB	BLACK		16 STR PVC BLK
8521 0101000	1,000 FT	13.000 LB	BLACK	P	16 STR PVC BLK
8521 011100	100 FT	1.300 LB	TAN		16 STR PVC TAN
8521 0111000	1,000 FT	13.000 LB	TAN	P	16 STR PVC TAN
8521 012100	100 FT	1.300 LB	PINK		16 STR PVC PNK
8521 013100	100 FT	1.300 LB	BLUE, DARK		16 STR PVC DBLU
8521 0131000	1,000 FT	13.000 LB	BLUE, DARK	P	16 STR PVC DBLU
8521 0141000	1,000 FT	13.000 LB	WHITE/BLACK	A	16 STR PVC WHT/BLK
8521 0151000	1,000 FT	13.000 LB	WHITE/RED	A	16 STR PVC WHT/RED
8521 0161000	1,000 FT	13.000 LB	WHITE/GREEN	A	16 STR PVC WHT/GRN
8521 0171000	1,000 FT	13.000 LB	WHITE/YELLOW	A	16 STR PVC WHT/YEL
8521 018100	100 FT	1.300 LB	WHITE/BLUE	A	16 STR PVC WHT/BLU
8521 0181000	1,000 FT	13.000 LB	WHITE/BLUE	A	16 STR PVC WHT/BLU
8521 0191000	1,000 FT	13.000 LB	WHITE/BROWN	A	16 STR PVC WHT/BRN
8521 0201000	1,000 FT	13.000 LB	WHITE/ORANGE	A	16 STR PVC WHT/ORG
8521 0211000	1,000 FT	13.000 LB	WHITE/GRAY	A	16 STR PVC WHT/GRY
8521 0221000	1,000 FT	13.000 LB	WHITE/VIOLET	A	16 STR PVC WHT/VIO

Notes:
A = STOCKED STRIPE COLORS.
P = STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF $8.00/M' FOR1 OR 2 STRIPES. 10000' MINIMUM ORDER FOR COLOR COMBINATION.PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL

Revision Number: 2   Revision Date: 09-03-2013

Mouser Electronics

Authorized Distributor

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