Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

8523 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	20	10x30	TC - Tinned Copper

Total Number of Conductors: 1

Insulation
Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.017

Overall Insulation
Overall Cable

Overall Nominal Diameter: 0.070 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Bulk Cable Weight:	5 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)
9.000

Max. Operating Voltage - Other:

Voltage	Description
1000 V RMS	Mil-W-76C

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	12 amps

BELDEN
SENDING ALL THE RIGHT SIGNALS

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8523 001100	100 FT	0.600 LB	BROWN		20 STR PVC BRN
8523 0011000	1,000 FT	6.000 LB	BROWN	P	20 STR PVC BRN
8523 002100	100 FT	0.600 LB	RED		20 STR PVC RED
8523 0021000	1,000 FT	6.000 LB	RED	P	20 STR PVC RED
8523 003100	100 FT	0.600 LB	ORANGE		20 STR PVC ORG
8523 0031000	1,000 FT	6.000 LB	ORANGE	P	20 STR PVC ORG
8523 004100	100 FT	0.600 LB	YELLOW		20 STR PVC YEL
8523 0041000	1,000 FT	6.000 LB	YELLOW	P	20 STR PVC YEL
8523 005100	100 FT	0.600 LB	GREEN, DARK		20 STR PVC GRN
8523 0051000	1,000 FT	6.000 LB	GREEN, DARK	P	20 STR PVC GRN
8523 006100	100 FT	0.600 LB	BLUE, LIGHT		20 STR PVC LBLU
8523 0061000	1,000 FT	6.000 LB	BLUE, LIGHT	P	20 STR PVC LBLU
8523 007100	100 FT	0.600 LB	VIOLET		20 STR PVC VIO
8523 0071000	1,000 FT	6.000 LB	VIOLET	P	20 STR PVC VIO
8523 008100	100 FT	0.600 LB	GRAY		20 STR PVC GRY
8523 0081000	1,000 FT	6.000 LB	GRAY	P	20 STR PVC GRY
8523 009100	100 FT	0.600 LB	WHITE		20 STR PVC WHT
8523 0091000	1,000 FT	6.000 LB	WHITE	P	20 STR PVC WHT
8523 010100	100 FT	0.600 LB	BLACK		20 STR PVC BLK
8523 0101000	1,000 FT	6.000 LB	BLACK	P	20 STR PVC BLK
8523 013100	100 FT	0.600 LB	BLUE, DARK		20 STR PVC DBLU
8523 0131000	1,000 FT	6.000 LB	BLUE, DARK	P	20 STR PVC DBLU
8523 0141000	1,000 FT	6.000 LB	WHITE/BLACK	A	20 STR PVC WHT/BLK
8523 0161000	1,000 FT	6.000 LB	WHITE/GREEN	A	20 STR PVC WHT/GRN 1
8523 018100	100 FT	0.600 LB	WHITE/BLUE	A	20 STR PVC WHT/BLU
8523 0181000	1,000 FT	6.000 LB	WHITE/BLUE	A	20 STR PVC WHT/BLU
8523 0211000	1,000 FT	6.000 LB	WHITE/GRAY	A	20 STR PVC WHT/GRY

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

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