Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

8502 Hook-up/Lead - (Type B) MIL-W-16878/1-PVC

For more Information please call

1-800-Belden1

General Description:

Tinned copper conductor, PVC insulation. Covers insulated wire for internal wiring of meters, panels, and electrical or electronic equipment. Temperatures to 105ºC.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	20	7x28	TC - Tinned Copper

Total Number of Conductors:	1

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

Overall Insulation

Overall Cable

Overall Nominal Diameter:	0.058 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +105°C
Bulk Cable Weight:	4.500 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):	04/01/2006
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-16878/1
MIL Spec Rating:	600 V, 105°C

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
9.500

Max. Operating Voltage - Other:

Voltage	Description
600 Vrms	Mil-W-16878/1

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient.	14 amps

Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
8502 001100	100 FT	0.500 LB	BROWN		20 STR PVC BRN
8502 0011000	1,000 FT	5.000 LB	BROWN	P	20 STR PVC BRN
8502 002100	100 FT	0.500 LB	RED		20 STR PVC RED
8502 0021000	1,000 FT	5.000 LB	RED	P	20 STR PVC RED
8502 003100	100 FT	0.500 LB	ORANGE		20 STR PVC ORG
8502 0031000	1,000 FT	5.000 LB	ORANGE	P	20 STR PVC ORG
8502 004100	100 FT	0.500 LB	YELLOW		20 STR PVC YEL
8502 0041000	1,000 FT	5.000 LB	YELLOW	P	20 STR PVC YEL
8502 005100	100 FT	0.500 LB	GREEN, DARK		20 STR PVC GRN
8502 0051000	1,000 FT	5.000 LB	GREEN, DARK	P	20 STR PVC GRN
8502 006100	100 FT	0.500 LB	BLUE, LIGHT		20 STR PVC LBLU
8502 0061000	1,000 FT	5.000 LB	BLUE, LIGHT	P	20 STR PVC LT.BLU
8502 007100	100 FT	0.500 LB	VIOLET		20 STR PVC VIO
8502 0071000	1,000 FT	5.000 LB	VIOLET	P	20 STR PVC VIO
8502 008100	100 FT	0.500 LB	GRAY		20 STR PVC GRY
8502 0081000	1,000 FT	5.000 LB	GRAY	P	20 STR PVC GRY
8502 009100	100 FT	0.500 LB	WHITE		20 STR PVC WHT
8502 0091000	1,000 FT	5.000 LB	WHITE	P	20 STR PVC WHT
8502 010100	100 FT	0.500 LB	BLACK		20 STR PVC BLK
8502 0101000	1,000 FT	5.000 LB	BLACK	P	20 STR PVC BLK
8502 0151000	1,000 FT	5.000 LB	WHITE/RED	A	20 STR PVC WHT/RED
8502 0181000	1,000 FT	5.000 LB	WHITE/BLUE	A	20 STR PVC WHT/BLU

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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