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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	22	7x30	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: 1.626 mm

## Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 5.358 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:

DCR @ 20°C (Ohm/km)
49.215

Max. Operating Voltage - Other:

Voltage	Description
1000 Vrms	Mil-W-76C

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	9 amps

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8524 001100	100 FT	0.400 LB	BROWN		22 STR PVC BRN
8524 0011000	1,000 FT	4.000 LB	BROWN	P	22 STR PVC BRN
8524 002100	100 FT	0.400 LB	RED		22 STR PVC RED
8524 0021000	1,000 FT	4.000 LB	RED	P	22 STR PVC RED
8524 003100	100 FT	0.400 LB	ORANGE		22 STR PVC ORG
8524 0031000	1,000 FT	4.000 LB	ORANGE	P	22 STR PVC ORG
8524 004100	100 FT	0.400 LB	YELLOW		22 STR PVC YEL
8524 0041000	1,000 FT	4.000 LB	YELLOW	P	22 STR PVC YEL
8524 005100	100 FT	0.400 LB	GREEN, DARK		22 STR PVC GRN
8524 0051000	1,000 FT	4.000 LB	GREEN, DARK	P	22 STR PVC GRN
8524 006100	100 FT	0.400 LB	BLUE, LIGHT		22 STR PVC LBLU
8524 0061000	1,000 FT	4.000 LB	BLUE, LIGHT	P	22 STR PVC LBLU
8524 007100	100 FT	0.400 LB	VIOLET		22 STR PVC VIO
8524 0071000	1,000 FT	4.000 LB	VIOLET	P	22 STR PVC VIO
8524 008100	100 FT	0.400 LB	GRAY		22 STR PVC GRY
8524 0081000	1,000 FT	4.000 LB	GRAY	P	22 STR PVC GRY
8524 009100	100 FT	0.400 LB	WHITE		22 STR PVC WHT
8524 0091000	1,000 FT	4.000 LB	WHITE	P	22 STR PVC WHT
8524 010100	100 FT	0.400 LB	BLACK		22 STR PVC BLK
8524 0101000	1,000 FT	4.000 LB	BLACK	P	22 STR PVC BLK
8524 0131000	1,000 FT	4.000 LB	BLUE, DARK	P	22 STR PVC DBLU

**Notes:**

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

Revision Number: 1    Revision Date: 05-13-2013

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