

For more Information  
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1-800-Belden1



## General Description:

Tinned copper conductor, PVC insulation. Rated 105°C, 300V. Rated 600V peak for electronic circuits, and internal wiring of electronic and electrical 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)	Min. Avg. Wall (mm)
PVC - Polyvinyl Chloride	0.419	0.381

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 1.575 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +105°C

Bulk Cable Weight: 5.209 Kg/Km

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

UL AWM Style: UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 105°C)

UL Rating: 300 V RMS, 80°C and 300 V, 105°C

CSA Rating: 300 V RMS, 105°C

CSA Type: TRSR-64

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

### Flame Test

UL Flame Test: VW-1

CSA Flame Test: FT1

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

50.035

### Max. Operating Voltage - UL:

Voltage

300 VRMS

### Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient.	11 amps

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9921 001100	100 FT	0.400 LB	BROWN		22 STR PVC BRN
9921 0011000	1,000 FT	4.000 LB	BROWN	P	22 STR PVC BRN
9921 002100	100 FT	0.400 LB	RED		22 STR PVC RED
9921 0021000	1,000 FT	4.000 LB	RED	P	22 STR PVC RED
9921 0025000	5,000 FT	20.000 LB	RED	C P	#22 STR PVC RED
9921 003100	100 FT	0.400 LB	ORANGE		22 STR PVC ORG
9921 0031000	1,000 FT	4.000 LB	ORANGE	P	22 STR PVC ORG
9921 004100	100 FT	0.400 LB	YELLOW		22 STR PVC YEL
9921 0041000	1,000 FT	4.000 LB	YELLOW	P	22 STR PVC YEL
9921 0045000	5,000 FT	20.000 LB	YELLOW	C	#22 STR PVC YEL
9921 005100	100 FT	0.400 LB	GREEN, DARK		22 STR PVC D GRN
9921 0051000	1,000 FT	4.000 LB	GREEN, DARK	P	22 STR PVC D GRN
9921 006100	100 FT	0.400 LB	BLUE, LIGHT		22 STR PVC LBLU
9921 0061000	1,000 FT	4.000 LB	BLUE, LIGHT	P	22 STR PVC LBLU
9921 007100	100 FT	0.400 LB	VIOLET		22 STR PVC VIO
9921 0071000	1,000 FT	4.000 LB	VIOLET	P	22 STR PVC VIO
9921 008100	100 FT	0.400 LB	GRAY		22 STR PVC GRY
9921 0081000	1,000 FT	4.000 LB	GRAY	P	22 STR PVC GRY
9921 0085000	5,000 FT	20.000 LB	GRAY	C P	#22 STR PVC GRY
9921 009100	100 FT	0.400 LB	WHITE		22 STR PVC WHT
9921 0091000	1,000 FT	4.000 LB	WHITE	P	22 STR PVC WHT
9921 010100	100 FT	0.400 LB	BLACK		22 STR PVC BLK
9921 0101000	1,000 FT	4.000 LB	BLACK	P	22 STR PVC BLK
9921 0105000	5,000 FT	20.000 LB	BLACK	C	#22 STR PVC BLK
9921 013100	100 FT	0.400 LB	BLUE, DARK		22 STR PVC D BLU
9921 0131000	1,000 FT	4.000 LB	BLUE, DARK	P	22 STR PVC D BLU
9921 0135000	5,000 FT	20.000 LB	BLUE, DARK	C	#22 STR PVC DBLU

### Notes:

C = CRATE REEL PUT-UP.

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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## **9921 Hook-up/Lead - UL AWM Style 1007 and 1569**

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