

# Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

**BELDEN**  
SENDING ALL THE RIGHT SIGNALS

9923 Hook-up/Lead - UL AWM Style 1007 and 1569

For more Information  
please call

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	24	7x32	TC - Tinned Copper

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)	Min. Avg. Wall (mm)
PVC - Polyvinyl Chloride	0.406	0.381

### Overall Insulation

### Overall Cable

Overall Nominal Diameter: 1.422 mm

## Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 3.869 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

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## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)  
76.283

### Max. Operating Voltage - UL:

Voltage  
300 V

### Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	7 A

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9923 0011000	305 MT	1.361 KG	BROWN	P	24 STR PVC BRN
9923 002100	30 MT	0.136 KG	RED		24 STR PVC RED
9923 0021000	305 MT	1.361 KG	RED	P	24 STR PVC RED
9923 0025000	1,524 MT	6.804 KG	RED	P	#24 STR PVC RED
9923 0031000	305 MT	1.361 KG	ORANGE	P	24 STR PVC ORG
9923 0041000	305 MT	1.361 KG	YELLOW	P	24 STR PVC YEL
9923 0051000	305 MT	1.361 KG	GREEN, DARK	P	24 STR PVC GRN
9923 0071000	305 MT	1.361 KG	VIOLET	P	24 STR PVC VIO
9923 0081000	305 MT	1.361 KG	GRAY	P	24 STR PVC GRY
9923 009100	30 MT	0.136 KG	WHITE		24 STR PVC WHT
9923 0091000	305 MT	1.361 KG	WHITE	P	24 STR PVC WHT
9923 010100	30 MT	0.136 KG	BLACK		24 STR PVC BLK
9923 0101000	305 MT	1.361 KG	BLACK	P	24 STR PVC BLK
9923 0105000	1,524 MT	6.804 KG	BLACK	C	#24 STR PVC BLK
9923 0131000	305 MT	1.361 KG	BLUE, DARK	P	24 STR PVC D BLU

### 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

Revision Number: 4 Revision Date: 05-13-2013

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