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

RoHS COMPLIANT · ENVIRONMENTALLY FRIENDLY

General Description:

Tinned copper conductor, PVC insulation. Rated 105ºC, 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

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	1,000 FT	3.000 LB	BROWN	P	24 STR PVC BRN
9923 002100	100 FT	0.300 LB	RED		24 STR PVC RED
9923 0021000	1,000 FT	3.000 LB	RED	P	24 STR PVC RED
9923 0025000	5,000 FT	15.000 LB	RED	P	#24 STR PVC RED
9923 0031000	1,000 FT	3.000 LB	ORANGE	P	24 STR PVC ORG
9923 0041000	1,000 FT	3.000 LB	YELLOW	P	24 STR PVC YEL
9923 0051000	1,000 FT	3.000 LB	GREEN, DARK	P	24 STR PVC GRN
9923 0071000	1,000 FT	3.000 LB	VIOLET	P	24 STR PVC VIO
9923 0081000	1,000 FT	3.000 LB	GRAY	P	24 STR PVC GRY
9923 009100	100 FT	0.300 LB	WHITE		24 STR PVC WHT
9923 0091000	1,000 FT	3.000 LB	WHITE	P	24 STR PVC WHT
9923 010100	100 FT	0.300 LB	BLACK		24 STR PVC BLK
9923 0101000	1,000 FT	3.000 LB	BLACK	P	24 STR PVC BLK
9923 0105000	5,000 FT	15.000 LB	BLACK	C	#24 STR PVC BLK
9923 0131000	1,000 FT	3.000 LB	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' 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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