Detailed Specifications & Technical Data



Contraction Contraction

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)	
Image: Stranding Conductory Mercial Total Number Conductors: Total Number Conductors: Image: Stranding Conductors: Image: Stranding Conductors: Image: Stranding Conductors: Total Number Conductors: Image: Stranding Conductors: Conductors: Image: Stranding Conductors: Overall Image: Stranding Conductors: Conductors: Overall Moninal Diamete: Note: N	Conductor	
Total Number of Conductors: 1 Insulation Insulation Material: Insulation Material: Insulation Material: Insulation Material: Insulation Material: Overall Nominal Diameter: 1.422 mm Overall Nominal Diameter: 1.422 mm Overall Nominal Diameter: 20°C To +105°C Buik Cabbe Weight: 3.680 Kg/km Applicable Spacifications 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 Refere: 300 V RMS, 80°C and 300 V, 105°C CSA Type: TRSR-64 EU Directive 2001/16/EU (ROHS II): Yes EU Directive 2001/305/EE (ELV): Yes EU Directive 2001/305/EE (EV): Yes EU Directive 2001/305/EE (KWEE): Yes EU Ronk Scientiance Date (mmiddytyyy): 1001/2005 EU Ronk Scientiance Date (mmiddytyyy): Yes Fumme		
Insulation Insulation Insulation Insulation Insulation Insulation Insulation Verail Adviate Valit Talckness (mm) Min. Avg. Wall (mm) Verail Adviate Verail A	1 24 7x32 TC - Tinned Copper	
Insulation Material Walfried Walfried Walfree Source Sourc	Total Number of Conductors:	1
Visite 1.422 mm Overall Isoliton 0.381 Overall Nominal Diameter: 1.422 mm Overall Nominal Diameter: 1.422 mm Operating Temperature Range: 20°C To + 108°C Buik Cable Weight: 3.880 Kg/Km Applicable Specifications and Agency Compliance (Overall) Applicable Specifications and Agency Compliance (Overall) Applicable Specifications and Agency Compliance (Overall) Vision (Overall Vision (Over		
PVC - Padyunyi Choridie 0.406 0.381 Overall Insulation Overall Cable 1.422 mm Overall Mominal Diameter: 1.422 mm Mechanical Characteristics (Overall) Operating Temperature Range: 20°C To +105°C Bulk Cable Weight: 3.899 KgKm 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) GSA Rating: 300 V RMS, 80°C and 300 V, 105°C GSA Rating: 300 V RMS, 10°C GSA Type: TRSR-64 EU Directive 2011/65/EU (ROHS II): Yes EU Directive 2011/65/EU (ROHS II): Yes EU Directive 2001/65/EC (Gel/S): Yes EU Directive 2001/65/EC (ROHS): Yes EU Directive 2001/65/EC (ROHS): Yes EU Directive 2001/65/EC (ROHS): Yes EU Directive 2001/165/E(RPS): Yes EU Directive 2002/95/EC (Models): Yes EU Directive 2002/95/EC (Models): Yes EU Directive 2002/95/EC (Models): Yes Flame Test: UVK-1 CSA Flame Test:		(mm)
Overall Nominal Diameter: 1.422 mm Vectall Characteristics (Overall) -20°C To +108°C Operating Temperature Range: -20°C To +108°C Bulk Cable Weight: 3.808 Kg/Km Applicable Specifications and Agency Compliance (Overall) 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: CSA Rating: 300 V RMS, 105°C CSA Rating: 300 V RMS, 105°C CSA Type: TRSR-64 EU Directive 2011/65/EU (ROHS II): Yes EU Directive 2001/51/EC (ELV): Yes EU Directive 2001/51/EC (BFR): Yes Flame Test: VW-1 CSA Flame Test: VW-1 CSA Flame Test: VW-1 CSA Flame Test: VW-1 CSA Flame Test:		
Overall Nominal Diameter: 1.422 mm Operating Temperature Range: -20°C To +105°C Bulk Cable Weight: 3.889 KgrKm Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs UL AWN Style: UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 105°C) UL AWN Style: UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 105°C) UL AWN Style: UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 105°C) UL AWN Style: UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 105°C) UL AWN Style: UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 105°C) UL AWN Style: Versting: Standards & Environmental Programs Standards & Environmental Programs UL AWN 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 GSA Rating: 300 V RMS, 108°C EU Directive 2001/STEC (ROHS II): Yes EU Directive 2001/STEC (ROHS II): Yes EU Directive 2002/STEC (RelS): Yes EU Directive 2002/STEC (RelS): Yes EU Directive 2002/STEC (FR): Yes EU Directive 2002/STEC (FR):	Overall Insulation	
Mechanical Characteristics (Overall) Operating Temperature Range: 20°C To +105°C Buik Cable Weight: 3.869 Kg/Km Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs UL AVM Syle: 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: TESR-84 EU Directive 2011/65/EU (ROHS II): Yes EU Directive 2001/55/EC (ELV): Yes EU Directive 2001/55/EC (ROHS): Yes EU Directive 2002/95/EC (ROHS): Yes EU Directive	Overall Cable	
Operating Temperature Range: -20°C To +105°C Bulk Cable Weight: 3.869 Kg/Km Applicable Standards & Environmental Programs	Overall Nominal Diameter:	1.422 mm
Bulk Cable Weight: 3.889 Kg/Km Applicable Specifications and Agency Compliance (OV=rall) 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-84 EU Directive 2011/65/EU (ROHS II): Yes EU Directive 2000/63/EC (ELV): Yes EU Directive 2000/63/EC (ELV): Yes EU Directive 2002/96/EC (ROHS): Yes Flame Test Yes UL Flame Test: VW-1 CAS Flame Test: VW-1 CaS Flame Test: VW-1 Plenum/Non-Plenum Plenum (YN): Plenum (YN): No	Mechanical Characteristics (Overall)	
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 Directive 2011/65/EU (ROHS II): Yes EU Directive 2020/53/EC (ELV): Yes EU Directive 2020/53/EC (ELV): Yes EU Directive 2020/53/EC (ROHS): Yes EU Directive 2020/54/EC (WEEE): Yes EU Directive 2020/54/EC (WEEE): Yes EU Directive 2020/54/EC (WEEE): Yes EU Directive 2020/54/EC (BFR): Yes EU Directive 2020/5	Operating Temperature Range:	-20°C To +105°C
Applicable Standards & Environmental Programs UL AWM Style: UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 105°C) UR Rating: 300 V RMS, 80°C and 300 V, 106°C CSA Rating: 300 V RMS, 105°C CSA Type: TRSR-64 EU Directive 2011/65/EU (ROHS II): Yes EU Directive 2001/35/EC (ELV): Yes EU Directive 2002/35/EC (ROHS): Yes EU Directive 2002/35/EC (BFR): Yes EU Directive 2002/35/EC (BHR): Yes Flame Test: Yes UL Flame Test: YW-1 CSA Flame Test: YW-1 EAF Hame Test: YW-1 Plenum (YIN): N	Bulk Cable Weight:	3.869 Kg/Km
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 2003/51/EC (ELV): Yes EU Directive 2002/95/EC (ROHS): Yes EU Directive 2002/95/EC (ROHS): Yes EU Directive 2002/95/EC (WEEE): Yes EU Directive 2003/11/EC (BFR): Yes MII Order #39 (China RoHS): Yes Flame Test: UV-1 CSA Flame Test: VV-1 CSA Flame Test: FT1 Plenum/Non-Plenum No Plenum/Non-Plenum No	Applicable Specifications and Agency Compliance	(Overall)
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 2000/53/EC (RMS): Yes EU Directive 2000/56/EC (WEEE): Yes EU Directive 2000/11/EC (BFR): Yes MII Order #39 (China RMS): Yes Flame Test: VW-1 CSA Flame Test: VW-1 CSA Flame Test: FT1 Plenum/Non-Plenum No Plenum (VIN): No	Applicable Standards & Environmental Programs	
CSA Rating: 300 V RMS, 105°C CSA Type: TRSR-64 EU Directive 2011/65/EU (ROHS II): Yes EU Directive 2001/35/EC (ELV): Yes EU Directive 2002/95/EC (RoHS): Yes EU Directive 2002/95/EC (RoHS): Yes EU Directive 2002/95/EC (ROHS): Yes EU Directive 2002/96/EC (WEEE): Yes EU Directive 2003/11/EC (BFR): Yes EU Directive 2003/11/EC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes Flame Test VW-1 CSA Flame Test: VW-1 Plenum/Non-Plenum FI1 Plenum/Non-Plenum No Plenum (YiN): No	UL AWM Style:	UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 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 2000/53/EC (ROHS): Yes EU Directive 2000/53/EC (ROHS): Yes EU Directive 2002/96/EC (WEEE): Yes EU Directive 2002/96/EC (WEEE): Yes EU Directive 2003/96/EC (WEEE): Yes EU Directive 2003/96/EC (WEEE): Yes EU Directive 2003/91/1/EC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes Flame Test VW-1 CSA Flame Test: VW-1 CSA Flame Test: VW-1 Plenum/Non-Plenum Plenum (Y/N): Plenum (Y/N): No	UL Rating:	300 V RMS, 80°C and 300 V, 105°C
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 Directive 2002/96/EC (WEEE): Yes EU Directive 2003/11/EC (BFR): Yes EU Directive 2003/11/EC (BFR): Yes Flame Test Yes MII Order #39 (China RoHS): Yes Flame Test: VW-1 CSA Flame Test: VW-1 CSA Flame Test: FT1 Plenum/Non-Plenum Plenum (YiN): Plenum (YiN): No	CSA Rating:	300 V RMS, 105°C
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 EU Directive 2003/11/EC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes Flame Test VW-1 CSA Flame Test: VW-1 Plenum/Non-Plenum FT1 Plenum (Y/N): No	CSA Type:	TRSR-64
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: VW-1 CSA Flame Test: VW-1 Plenum/Non-Plenum FT1 Plenum (Y/N): No EU Characteristics (Overall) No	EU Directive 2011/65/EU (ROHS II):	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: VW-1 CSA Flame Test: VW-1 CSA Flame Test: FT1 Plenum/Non-Plenum No Plenum (Y/N): No	EU CE Mark:	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 FHame Test: VW-1 CSA Flame Test: VW-1 CSA Flame Test: FT1 Plenum/Non-Plenum No Plenum (Y/N): No	EU Directive 2000/53/EC (ELV):	Yes
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 VW-1 UL Flame Test: VW-1 CSA Flame Test: FT1 Plenum/Non-Plenum No Plenum (Y/N): No	EU Directive 2002/95/EC (RoHS):	Yes
EU Directive 2003/11/EC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes Flame Test VW-1 UL Flame Test: VW-1 CSA Flame Test: VT Plenum/Non-Plenum FT1 Plenum (Y/N): No Electrical Characteristics (Overall) Nom. Conductor DC Resistance:	EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes Flame Test VW-1 UL Flame Test: VW-1 CSA Flame Test: FT1 Plenum/Non-Plenum No Plenum (Y/N): No Electrical Characteristics (Overall) Nom. Conductor DC Resistance:	EU Directive 2002/96/EC (WEEE):	Yes
Mil Order #39 (China RoHS): Yes Flame Test VW-1 UL Flame Test: VW-1 CSA Flame Test: FT1 Plenum/Non-Plenum Plenum (Y/N): Plenum (Y/N): No Electrical Characteristics (Overall) Nom. Conductor DC Resistance:	EU Directive 2003/11/EC (BFR):	Yes
Flame Test VW-1 UL Flame Test: VW-1 CSA Flame Test: FT1 Plenum/Non-Plenum No Plenum (Y/N): No Electrical Characteristics (Overall) Nom. Conductor DC Resistance:	CA Prop 65 (CJ for Wire & Cable):	Yes
UL Flame Test: VW-1 CSA Flame Test: FT1 Plenum/Non-Plenum No Plenum (Y/N): No	MII Order #39 (China RoHS):	Yes
CSA Flame Test: FT1 Plenum/Non-Plenum No Plenum (Y/N): No		
Plenum/Non-Plenum No Plenum (Y/N): No Electrical Characteristics (Overall) Nom. Conductor DC Resistance:	UL Flame Test:	VW-1
Plenum (Y/N): No Electrical Characteristics (Overall) Nom. Conductor DC Resistance:		FT1
Electrical Characteristics (Overall) Nom. Conductor DC Resistance:		
Nom. Conductor DC Resistance:	Plenum (Y/N):	No
	· · · · · ·	
DCR @ 20°C (Ohm/km)		

76.283

Max. Operating Voltage - UL:

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

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



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	С	#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

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

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product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).