# **Detailed Specifications & Technical Data**

### METRIC MEASUREMENT VERSION



# 9423 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



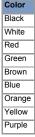
### **General Description:**

## 22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket. **Physical Characteristics (Overall)** Conductor AWG: # Conductors AWG Stranding Conductor Material 7x30 TC - Tinned Copper **Total Number of Conductors:** 9 Insulation Insulation Material: **Insulation Material** Wall Thickness (mm) PVC - Polyvinyl Chloride 0.279 **Outer Shield Outer Shield Material: Outer Shield Material** Unshielded **Outer Jacket** Outer Jacket Material: Outer Jacket Material Nom. Wall Thickness (mm)

### **Overall Cable**

Overall Cabling Color Code Chart:

PVC - Polyvinyl Chloride 0.8128



**Overall Nominal Diameter:** 6.198 mm

Med	Mechanical Characteristics (Overall)							
	Operating Temperature Range:	-20°C To +80°C						
	UL Temperature Rating:	80°C (UL AWM Style 2576)						
	Bulk Cable Weight:	58.040 Kg/Km						
	Max. Recommended Pulling Tension:	355.856 N						
	Min. Bend Radius/Minor Axis:	63.500 mm						

## **Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2576 (150 V 80°C)
CSA Specification:	FT4
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes

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EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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:	UL1685 FT4 Loading
CSA Flame Test:	FT4
Plenum/Non-Plenum	
Plenum (Y/N):	No

#### **Electrical Characteristics (Overall)**

Nom. Inductance:

Inductance (µH/m) 0.55777

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 111.554

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 51.1836

Max. Operating Voltage - UL:

Voltage 300 V RMS CMG 150 V RMS UL AWM Style 2576

Max. Recommended Current:

Current 2.1 Amps per conductor @ 25°C

#### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9423 060U500	500 FT	21.000 LB	CHROME		9 #22 PVC PVC
9423 060100	100 FT	4.700 LB	CHROME		9 #22 PVC PVC
9423 0601000	1,000 FT	43.000 LB	CHROME	С	9 #22 PVC PVC
9423 060500	500 FT	21.500 LB	CHROME	С	9 #22 PVC PVC
9423 0605000	5,000 FT	210.000 LB	CHROME		9 #22 PVC PVC

### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-19-2012

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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