# **Detailed Specifications & Technical Data**

**ENGLISH MEASUREMENT VERSION** 



### 8723 Multi-Conductor - Shielded Twisted Pair Cable



For more Information please call

1-800-Belden1



## **General Description:**

22 AWG stranded (7x30) tinned copper conductors, polypropylene insulation, twisted pairs, individually Beldfoil® shielded (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

## **Physical Characteristics (Overall)**

### Conductor

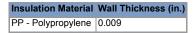
AWG:

# Pairs	AWG	Stranding	<b>Conductor Material</b>
2	22	7x30	TC - Tinned Copper

Total Number of Conductors: 4

### Insulation

**Insulation Material:** 



#### **Inner Shield**

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil® (Z-Fold®)	Таре	Aluminum Foil-Polyester Tape	100

### Inner Shield Drain Wire AWG:

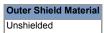


Inner Shield Drain Wire Stranding: 7x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

### **Outer Shield**

**Outer Shield Material:** 



### **Outer Jacket**

**Outer Jacket Material:** 

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.020

### **Overall Cable**

Overall Nominal Diameter: 0.160 in.

### **Pair**

## Pair Color Code Chart:

Number	Color
1	Red & Black
2	Green & White

## **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	60°C

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Bulk Cable Weight:	17 lbs/1000 ft.		
Max. Recommended Pulling Tension:	42 lbs.		
Min. Bend Radius/Minor Axis:	1.750 in.		

## **Applicable Specifications and Agency Compliance (Overall)**

## **Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CM	
CEC/C(UL) Specification:	CM	
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):	01/01/2004	
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	
me Test		

### Fla

**UL Flame Test:** UL1685 UL Loading

### Plenum/Non-Plenum

Plenum (Y/N): No

**Plenum Number:** 82723, 87723, 88723

## **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:

Impedance (Ohm)
52.000

Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Ind. Pair Nominal Shield DC Resistance @ 20 15 Ohm/1000 ft Deg. C:

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current

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2.3 Amps per conductor @ 25°C

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8723 060U1000	1,000 FT	19.000 LB	CHROME		2 SH PR #22 PP PVC
8723 060U2000	2,000 FT	36.000 LB	CHROME		2 SH PR #22 PP PVC
8723 060U500	500 FT	10.000 LB	CHROME		2 SH PR #22 PP PVC
8723 060100	100 FT	3.200 LB	CHROME		2 SH PR #22 PP PVC
8723 0601000	1,000 FT	19.000 LB	CHROME	С	2 SH PR #22 PP PVC
8723 06010000	10,000 FT	190.000 LB	CHROME	CY	2 SH PR #22 PP PVC
8723 06010001	10,000 FT	190.000 LB	CHROME	С	2 SH PR #22 PP PVC
8723 0601640	1,640 FT	31.160 LB	CHROME		2 SH PR #22 PP PVC
8723 0602000	2,000 FT	38.000 LB	CHROME	С	2 SH PR #22 PP PVC
8723 0603280	3,280 FT	62.320 LB	CHROME	С	2 SH PR #22 PP PVC
8723 060500	500 FT	9.500 LB	CHROME		2 SH PR #22 PP PVC
8723 0605000	5,000 FT	90.000 LB	CHROME	С	2 SH PR #22 PP PVC
8723 0609999	10,000 FT	190.000 LB	CHROME	CY	2 SH PR #22 PP PVC

#### Notes:

C = CRATE REEL PUT-UP

Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN.MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

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