# **Detailed Specifications & Technical Data**

#### **METRIC MEASUREMENT VERSION**



## 8723 Multi-Conductor - Shielded Twisted Pair Cable



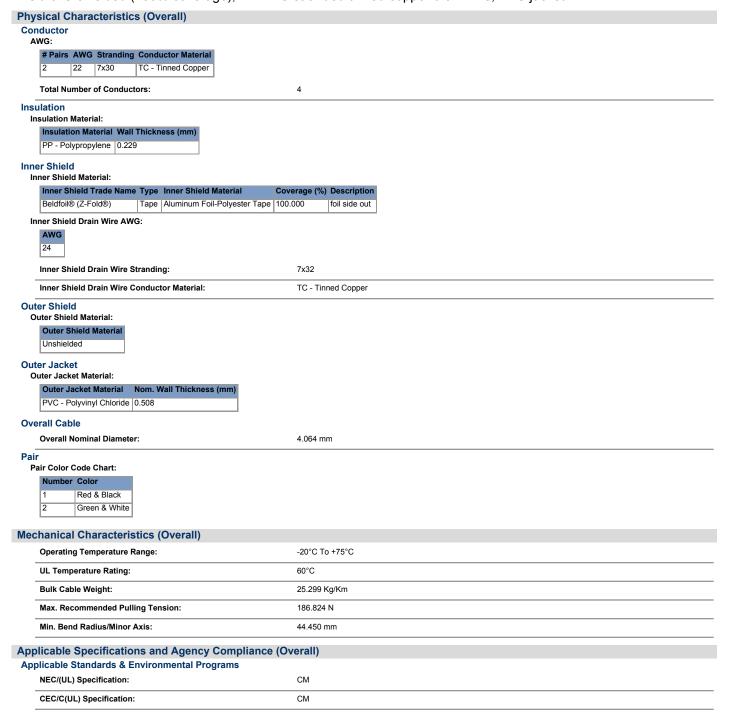
For more Information please call

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.



Page 1 of 3 01-05-2017

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	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			
Flame Test					
	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:

Inductance (µH/m) 0.55777

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 108.273

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 203.422

Nominal Velocity of Propagation:

**VP (%)**66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 48.2307

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:

49.215 Ohm/km

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
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 06015000	15,000 FT	285.000 LB	CHROME		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:

Page 2 of 3 01-05-2017

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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'.

Revision Number: 3 Revision Date: 11-20-2015

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Page 3 of 3