## **Detailed Specifications & Technical Data**



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## 8723 Multi-Conductor - Shielded Twisted Pair Cable

For more Information please call





### **Description:**

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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   Conductor   Material     2   22   7x30   TC - Tinned Copper	
Insulation Insulation Material:	
Insulation Material PP - Polypropylene	
Inner Shield	
Inner Shield Material:	
Inner Shield Trade Name Type Inner Shield Material Beldfoil® (Z-Fold®) Tape Aluminum Foil-Polyeste	r Tape 100
Inner Shield Drain Wire AWG: AWG 24	
Inner Shield Drain Wire Stranding:	7x32
Inner Shield Drain Wire Conductor Material:	TC - Tinned Copper
Outer Shield Material: Outer Shield Material Unshielded	
Outer Jacket Outer Jacket Material:	
Outer Jacket Material PVC - Polyvinyl Chloride	
Overall Cable	
Overall Nominal Diameter:	0.160 in.
Pair	
Pair Color Code Chart: Number Color 1 Red & Black 2 Green & White	
Pair Lay Length & Direction:	
Lay Length (in.)   Twists/ft. (twist/ft)     1.500   8.000	
Mechanical Characteristics (Overall)	
UL Temperature Rating:	60°C

# **Detailed Specifications & Technical Data**



## ENGLISH MEASUREMENT VERSION

## 8723 Multi-Conductor - Shielded Twisted Pair Cable

Non-UL Temperature Rating:	80°C				
Bulk Cable Weight:	18.300 lbs/1000 ft.				
Max. Recommended Pulling Tension:	42 lbs.				
Min. Bend Radius (Install)/Minor Axis:	1.600 in.				
oplicable Specifications and Agency Co	ompliance (Overall)				
applicable Standards & Environmental Prog					
NEC/(UL) Specification:	СМ				
CEC/C(UL) Specification:	СМ				
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				
lame Test					
UL Flame Test:	UL1685 UL Loading				
lenum/Non-Plenum					
Plenum (Y/N):	No				
Plenum Number:	82723, 87723, 88723				
ectrical Characteristics (Overall)					
om. Characteristic Impedance:					
Impedance (Ohm)					
52.000					
52.000 om. Inductance:					
52.000					
52.000 om. Inductance: Inductance (μΗ/ft)					
52.000 om. Inductance: Inductance (µH/ft) 0.17 om. Capacitance Conductor to Conductor: Capacitance (pF/ft)					
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52.000 fom. Inductance: Inductance (µH/ft) 0.17 fom. Capacitance Conductor to Conductor: Capacitance (pF/ft) 33.000 fom. Capacitance Cond. to Other Conductor & Sh Capacitance (pF/ft) 62 fominal Velocity of Propagation: VP (%) 66 fom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 14.7 Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:					

## **Detailed Specifications & Technical Data**



### ENGLISH MEASUREMENT VERSION

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

Current

2.3 Amps per conductor @ 25°C

#### **Related Documents:**

No related documents are available for this product

### 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 0601640	1,640 FT	32.800 LB	CHROME		2 SH PR #22 PP PVC
8723 0602000	2,000 FT	40.000 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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