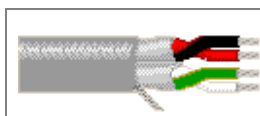


**8723 Multi-Conductor - Shielded Twisted Pair Cable**



For more Information  
please call  
  
1-800-Belden1



**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	Conductor Material
2.000	22	7x30	TC - Tinned Copper

**Insulation:**

Insulation Material

Ins Material
PP - Polypropylene

**Inner Shield:**

Inner Shield Material

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

Outer Shield Material

Outer Shield Material
Unshielded

**Outer Jacket:**

Outer Jacket Material

Outer Jacket Material
PVC - Polyvinyl Chloride

**Overall Cabling:**

Overall Nominal Diameter: .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):**

Operating Temperature Range -30°C To +60°C

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UL Temperature Rating	60°C
Bulk Cable Weight:	18.300 lbs/1000 ft.
Max. Recommended Pulling Tension:	50 lbs.
Min. Bend Radius (Install):	1.600 in.

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

**Applicable Standards:**

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	01/01/2004

**Flame Test:**

UL Flame Test	UL1685 UL Loading
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**Plenum/Non-Plenum:**

Plenum (Y/N)	N
Plenum Number	82723, 87723, 88723

**Electrical Characteristics (Overall):**

Nom. Characteristic Impedance

<b>Impedance (Ohm)</b>
45.000

Nom. Inductance

<b>Inductance (µH/ft)</b>
0.170

Nom. Capacitance Conductor to Conductor

<b>Capacitance (pF/ft)</b>
35.000

Nom. Capacitance Cond. to Other Conductor & Shield

<b>Capacitance (pF/ft)</b>
62.000

Nominal Velocity of Propagation

<b>VP (%)</b>
66

Nom. Conductor DC Resistance

<b>DCR @ 20°C (Ohm/1000 ft)</b>
14.700

Max. Operating Voltage - UL

<b>Voltage</b>
300 V RMS

Max. Recommended Current

<b>Current</b>
2.3 Amps per conductor @ 25°C

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

**PUT UPS AND COLORS:**

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
8723 060100	100 FT	3.200 LB	CHROME		2 SH PR #22 PP PVC CHR
8723 0601000	1,000 FT	19.000 LB	CHROME	C	2 SH PR #22 PP PVC CHR

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8723 06010000	10,000 FT	190.000 LB	CHROME	C Y	2 SH PR #22 PP PVC CHR
8723 0601640	1,640 FT	32.800 LB	CHROME		2 SH PR #22 PP PVC CHR
8723 0602000	2,000 FT	40.000 LB	CHROME	C	2 SH PR #22 PP PVC CHR
8723 0603280	3,280 FT	62.320 LB	CHROME	C	2 SH PR #22 PP PVC CHR
8723 060500	500 FT	9.500 LB	CHROME		2 SH PR #22 PP PVC CHR
8723 0605000	5,000 FT	90.000 LB	CHROME	C	2 SH PR #22 PP PVC CHR
8723 060U1000	1,000 FT	19.000 LB	CHROME		2 SH PR #22 PP PVC CHR
8723 060U2000	2,000 FT	36.000 LB	CHROME		2 SH PR #22 PP PVC CHR
8723 060U500	500 FT	10.000 LB	CHROME		2 SH PR #22 PP PVC CHR

**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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