

# Detailed Specifications & Technical Data



## 8723 Paired - Shielded Twisted Pair Cable

 	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p><b>Related Documents : No. 1.pdf</b></p>
--	---

### 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:

#### CONDUCTOR:

Number of Pairs	2
Total Number of Conductors	4
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

**勝特力材料 886-3-5753170**  
**勝特力电子(上海) 86-21-54151736**  
**勝特力电子(深圳) 86-755-83298787**  
[Http://www.100y.com.tw](http://www.100y.com.tw)

#### INSULATION:

Insulation Material	PP - Polypropylene
Lay Length	1.5 in.
Twists/ft.	8

#### Pair Color Code Chart :

Number	Color	Number	Color
1	Red & Black	2	Green & White

#### INNER SHIELD:

Inner Shield Material Trade Name	Beldfoil® (Z-Fold®)
Inner Shield Type	Tape
Inner Shield Material	Aluminum Foil-Polyester Tape
Inner Shield % Coverage	100 %
Inner Shield Drain Wire AWG	24
Inner Shield Drain Wire Stranding	7x32
Inner Shield Drain Wire Conductor Material	TC - Tinned Copper

#### OUTER SHIELD:

Outer Shield Material	Unshielded
-----------------------	------------

#### OUTER JACKET:

# Detailed Specifications & Technical Data



## 8723 Paired - Shielded Twisted Pair Cable

Outer Jacket Material PVC - Polyvinyl Chloride

### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .160 in.

### MECHANICAL CHARACTERISTICS:

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

UL Temperature Rating 60°C

Bulk Cable Weight 18.3 lbs/1000 ft.

Max. Recommended Pulling Tension 50 lbs.

Min. Bend Radius (Install) 1.6 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### 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

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

#### FLAME TEST:

UL Flame Test UL1685 UL Loading

#### PLENUM/NON-PLENUM:

Plenum (Y/N) N

Plenum Number 82723, 87723, 88723, 1325A

### ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance 45 Ohms

Nom. Inductance 0.17 µH/ft

Nom. Capacitance Conductor to Conductor @ 1 KHz 35 pF/ft

Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz 62 pF/ft

Nominal Velocity of Propagation 66 %

Nom. Conductor DC Resistance @ 20 Deg. C 14.7 Ohms/1000 ft

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

Max. Operating Voltage - UL 300 V RMS

Max. Recommended Current 2.3 Amps per conductor @ 25°C

### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8723 060100	2 SH PR #22 PP PVC	100	2.3	CHROME	
8723 0601000	2 SH PR #22 PP PVC	1000	20	CHROME	C

## Detailed Specifications & Technical Data



**勝特力材料 886-3-5753170**  
**勝特力电子(上海) 86-21-54151736**  
**勝特力电子(深圳) 86-755-83298787**  
[Http://www.100y.com.tw](http://www.100y.com.tw)

### 8723 Paired - Shielded Twisted Pair Cable

8723 06010000	2 SH PR #22 PP PVC	10000	200	CHROME	C Y
8723 0601640	2 SH PR #22 PP PVC	1640	32.8	CHROME	
8723 0602000	2 SH PR #22 PP PVC	2000	40	CHROME	C
8723 0603280	2 SH PR #22 PP PVC	3280	65.6	CHROME	C
8723 060500	2 SH PR #22 PP PVC	500	10	CHROME	
8723 0605000	2 SH PR #22 PP PVC	5000	95	CHROME	C
8723 060U1000	2 SH PR #22 PP PVC	U1000	20	CHROME	
8723 060U2000	2 SH PR #22 PP PVC	U2000	38	CHROME	
8723 060U500	2 SH PR #22 PP PVC	U500	10.5	CHROME	

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: 1      Revision Date: 03-27-2007

© Copyright 2006 Belden, Inc  
All Rights Reserved.

Although Belden ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Cable Mfgs.(San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan-2003);Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb-2003). The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information and belief at the date of its publication. The information provided in the Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

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