

**82723 Paired - Double-Pair Cable**

		<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p>
---	--	---

**Description:**

22 AWG stranded (7x30) TC conductors, plenum, FEP insulation, twisted pairs, individually shielded w/Beldfoil® (100% coverage), 22 AWG stranded TC drain wire, Flamarrest® jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

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

**INSULATION:**

Insulation Material	FEP - Fluorinated Ethylene Propylene
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:**

Outer Jacket Material Trade Name	Flamarrest®
Outer Jacket Material	LS PVC - Low Smoke Polyvinyl Chloride

## 82723 Paired - Double-Pair Cable

### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.153 in.
--------------------------	----------

### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	0°C To +75°C
Bulk Cable Weight	17.5 lbs/1000 ft.
Max. Recommended Pulling Tension	46 lbs.
Min. Bend Radius (Install)	1.5 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

NEC/(UL) Specification	CMP
CEC/C(UL) Specification	CMP
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

#### FLAME TEST:

UL Flame Test	NFPA 262
C(UL) Flame Test	FT6

#### PLENUM/NON-PLENUM:

Plenum (Y/N)	Y
Non-Plenum Number	8723

#### ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	36 Ohms
Nom. Capacitance Conductor to Conductor @ 1 KHz	43 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	75 pF/ft
Nominal Velocity of Propagation	62 %
Nom. Conductor DC Resistance @ 20 Deg. C	14.7 Ohms/1000 ft
Nom. Inner Shield DC Resistance	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
82723 8771000	2 PR #22 FEP FS FLRST	1000	19	NATURAL	C
82723 877U1000	2 PR #22 FEP FS FLRST	U1000	20	NATURAL	
82723 877U2000	2 PR #22 FEP FS FLRST	U2000	40	NATURAL	

**82723 Paired - Double-Pair Cable**

82723 877U500	2 PR #22 FEP FS FLRST	U500	10.5	NATURAL	
---------------	--------------------------	------	------	---------	--

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 07-27-2005

© 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.