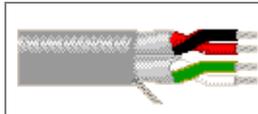


8723 Multi-Conductor - Shielded Twisted Pair Cable



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: 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):

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

8723 Multi-Conductor - Shielded Twisted Pair Cable

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
---------------	-------------------

Plenum/Non-Plenum:

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

Electrical Characteristics (Overall):

Nom. Characteristic Impedance

Impedance (Ohm)
45

Nom. Inductance

Inductance (µH/ft)
0.170

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
35.000

Nom. Capacitance Cond. to Other Conductor & Shield

Capacitance (pF/ft)
62.000

Nominal Velocity of Propagation

VP (%)
66

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
14.700

Max. Operating Voltage - UL

Voltage
300 V RMS

Max. Recommended Current

Current
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
8723 0601000	1,000 FT	19.000 LB	CHROME	C	2 SH PR #22 PP PVC

8723 Multi-Conductor - Shielded Twisted Pair Cable

8723 06010000	10,000 FT	190.000 LB	CHROME	C D	38 PR #22 PP SHLD 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	C	2 SH PR #22 PP PVC
8723 0603280	3,280 FT	62.320 LB	CHROME	C	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	BLUE, LIGHT		12 STR PVC LBLU
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

Notes:

C = CRATE REEL PUT-UP.

D = FINAL PUT-UP LENGTH MAY VARY -0% TO +20% FROM LENGTH SHOWN.

Revision Number: 1 Revision Date: 05-14-2007

© 2007 Belden, Inc

All Rights Reserved.

Although 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; and China Ministry of Information Industry order#39 (China RoHS). EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); 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.