

7200A Multi-Conductor - 300V Flex Data Cables



For more Information
please call

1-800-Belden1

**General Description:**

24 AWG stranded (41x40) bare copper conductors, twisted pairs, foam polyethylene insulation with skin, overall Beldfoil® (100% coverage), tinned copper braid shield (85% coverage), oil-resistant PVC jacket.

Usage (Overall)

Suitable Applications: Flex Data, RS232, RS485

Physical Characteristics (Overall)**Conductor**

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	24	41x40	BC - Bare Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material
FPE - Foam Polyethylene
PE - Polyethylene

Insulation Resistance: 6.1 Megohms/1000 ft. minimum

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	85

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	41x40	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	White & Blue

Overall Nominal Diameter: 0.240 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

UL Temperature Rating: 60°C

Bulk Cable Weight: 35.600 lbs/1000 ft.

Max. Recommended Pulling Tension: 41 lbs.

Min. Bend Radius/Minor Axis: 2.600 in.

Min. Bend Radius (Continuous Flexing): 3.600 in.

Flex Cycle Rating: 1 Million

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/UL) Specification: CM

CEC/C(UL) Specification: CM

7200A Multi-Conductor - 300V Flex Data Cables

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 10/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

Other Specification: RS Type: 232/485

Flame Test

UL Flame Test: UL1685 UL Loading

Suitability

Oil Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Max. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

15

Nominal Velocity of Propagation:

VP (%)

72

Max. Operating Voltage - UL:

Voltage

300 V RMS

Differential Impedance @ 1 MHz: 120 +/-15

Notes (Overall)

Notes: 1 million flex cycles based on proper installation techniques in a C-track cable guide.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7200A X4P1000	1,000 FT	38.000 LB	GREEN X4P	C	2 #24 FHDPE/HDPE SH PVC
7200A X4P500	500 FT	19.000 LB	GREEN X4P	C	2 #24 FHDPE/HDPE SH PVC

Notes:

C = CRATE REEL PUT-UP.

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

© 2014 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. 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 this 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[7200A X4P1000](#) [7200A X4P500](#)