

7200A Paired - 300V Flex Data Cables

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

SUITABLE APPLICATIONS:

Suitable Applications	Flex Data, RS232, RS485
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PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	24
Stranding	41x40
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	FPE - Foam Polyethylene, PE - Polyethylene
Insulation Resistance	6.1 Megohms/1000 ft. minimum

OVERALL CABLING:

Overall Cabling Color Code Chart :

Number	Color
1	White & Blue

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape/Braid

Outer Shield Material :

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

Outer Shield % Coverage	100 %
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OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	41x40

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Outer Shield Drain Wire Conductor Material	TC - Tinned Copper
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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.240 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C
Bulk Cable Weight	35.6 lbs/1000 ft.
Max. Recommended Pulling Tension	41 lbs.
Min. Bend Radius (Install)	2.6 in.
Min. Bend Radius (Continuous Flexing)	3.6 in.
Flex Cycle Rating	1 Million

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
Other Specification	RS Type: 232/485

FLAME TEST:

UL Flame Test	UL1685 UL Loading
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SUITABILITY:

Oil Resistance	Yes
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Differential Impedance @ 1 MHz	120 +/-15 Ohms
Max. Capacitance Conductor to Conductor @ 1 KHz	15 pF/ft
Nominal Velocity of Propagation	72 %
Max. Operating Voltage - UL	300 V RMS

NOTES:

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

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Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
7200A X4P1000	2 #24 FHDPE/HDPE SH PVC	1000	38	GREEN X4P	C
7200A X4P500	2 #24 FHDPE/HDPE SH PVC	500	17	GREEN X4P	C

C = CRATE REEL PUT-UP.

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