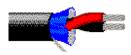
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

1350SB Multi-Conductor - AES/EBU Digital Audio Cable



For more Information please call

1-800-Belden1



Description:	
	conductors, Datalene® insulation, twisted pairs, overall Beldfoil®
shield (100% coverage), 24 AWG drain	wire, LSZH jacket.
Jsage (Overall)	
Suitable Applications:	Shipboard, ABS, Digital Audio, Analog Audio, Low Capacitance, Low Cap, Instrumentation, Control, EIA RS-232, EIA RS-422, EIA RS-485
Physical Characteristics (Overall)	
Conductor AWG:	
# Pairs AWG Stranding Conductor Material Di 1 24 7x32 TC - Tinned Copper .02	
Insulation Insulation Material:	
Insulation Trade Name Insulation Material	Dia. (in.)
Datalene® FHDPE - Foam High Der	nsity Polyethylene .058
Outer Shield Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield N	Aterial Coverage (%)
Beldfoil® Tape Aluminum Foil-I	Polyester Tape 100
Outer Shield Drain Wire AWG: AWG Stranding Drain Wire Conductor Material 24 7x32 TC - Tinned Copper Outer Jacket Outer Jacket Material:	
Outer Jacket Material LSZH - Low Smoke Zero Halogen	
Overall Cabling	
Overall Nominal Diameter:	0.179 in.
Pair Pair Color Code Chart: Number Color 1 Red & Black	
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-30°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	23.200 lbs/1000 ft.
Max. Recommended Pulling Tension:	16.500 lbs.

1.750 in.

Min. Bend Radius (Install)/Minor Axis:

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	blicable Specifications and Agency Com				
Ар	plicable Standards & Environmental Progran	ns			
	NEC/(UL) Specification:	CMG-LS			
	CEC/C(UL) Specification:	CMG-LS			
	IEEE Specification: Std. 45 clause 23				
	EU CE Mark:	Yes			
	EU Directive 2000/53/EC (ELV):	Yes			
EU Directive 2002/95/EC (RoHS): Yes EU RoHS Compliance Date (mm/dd/yyyy): 08/04/2006		Yes			
		08/04/2006			
	EU Directive 2002/96/EC (WEEE):	Yes			
	EU Directive 2003/11/EC (BFR):	Yes			
	CA Prop 65 (CJ for Wire & Cable):	Yes			
	MII Order #39 (China RoHS):	Yes			
	Other Specification:	UL444, AES/EBU, ABS Type Approval Certificate 06-HS184641D			
Fla	me Test				
	UL Flame Test:	UL1685 FT4 Loading, Limited Smoke			
	C(UL) Flame Test:	FT4, Limited Smoke			
	IEC Flame Test:	60332-1, 60332-3-22 (Category A)			
	IEEE Flame Test:	1202			
Su	itability				
	Suitability - Indoor:	Yes			
	Suitability - Outdoor:	Yes			
	Sunlight Resistance:	Yes			

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

100

Nom. Inductance:

Inductance (µH/ft) .18

0

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

13.4

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

26

Nominal Velocity of Propagation:

VP (%) 79

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 25.7

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

18.1

Nom. Attenuation:

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Freq. (MHz)	Attenuation (dB/100 ft.)			
.384	.57			
.7056	.84			
.768	.88			
1.024	1.01			
1.4112	1.18			
1.536	1.22			
2.048	1.37			
2.8224	1.55			
3.072	1.60			
4.096	1.79			
5.6448	2.03			
6.144	2.09			
8.192	2.36			
11.2896	2.73			
12.288	2.84			
24.576	4.01			

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.75 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1350SB 0101000	1,000 FT	21.000 LB	BLACK	С	1 FS PR #24 FHDPE FRNHPO

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 4 Revision Date: 07-21-2009

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