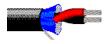
Detailed Specifications & Technical Data



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



For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) tinned copper conductors, Datalene® insulation, twisted pairs, overall Beldfoil® shield (100% coverage), 24 AWG drain wire, LSZH jacket.

Usage (Overall)	
Suitable Applications:	Shipboard, ABS, Digital Audio, Analog Audio, Low Capacitance, Low Cap, Instrumentation, Control, EIA RS-232, EIA RS-422, EIA RS-485
hysical Characteristics (Overall)	
Conductor	
AWG:	
# Pairs AWG Stranding Conductor Material Dia. (in.	.)
1 24 7x32 TC - Tinned Copper .024	
Total Number of Conductors:	2
Insulation Insulation Material:	
Insulation Trade Name Insulation Material	Dia. (in.)
Datalene® FHDPE - Foam High Density Po	olyethylene 0.58
Outer Shield Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield Materia	al Coverage (%)
Beldfoil® Tape Aluminum Foil-Polyest	ter 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 Cable	
Overall Nominal Diameter:	0.179 in.
Pair	
Pair Color Code Chart:	
Number Color	
1 Red & Black	
Rechanical Characteristics (Overall)	
Operating Temperature Range:	-30°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	20 lbs/1000 ft.
Max. Recommended Pulling Tension:	16.500 lbs.
Min. Bend Radius/Minor Axis:	1.750 in.
Applicable Specifications and Agency Compl	liance (Overall)
Applicable Standards & Environmental Programs	
NEC/(UL) Specification:	CMG-LS
CEC/C(UL) Specification:	CMG-LS
EU Directive 2011/65/EU (ROHS II):	Yes
IEEE Specification:	Std. 45 clause 23
EU CE Mark:	Yes

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

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

EU Directive 2000/53/EC (ELV):	Yes				
EU Directive 2002/95/EC (RoHS):	Yes				
EU RoHS Compliance Date (mm/dd/yyyy):	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 Yes UL444, AES/EBU, ABS Type Approval Certificate 06-HS184641D				
MII Order #39 (China RoHS):					
Other Specification:					
Flame Test					
UL Flame Test:	UL1685 FT4 Loading, Limited Smoke				
CSA Flame Test:	FT4				
IEC Flame Test:	60332-1, 60332-3-22 (Category A)				
IEEE Flame Test:	1202				
Suitability					
Suitability - Indoor:	Yes				
Suitability - Outdoor:	Yes				
Sunlight Resistance:	Yes				
Electrical Characteristics (Overall)					
Nom. Characteristic Impedance:					
Impedance (Ohm)					
Nom. Inductance:					
Inductance (μΗ/ft) .18					
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:

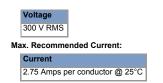
Freq. (MHz)	Attenuation (dB/100 ft.)
.384	.57
.7056	.84
.768	.88
1.024	1.01
1.4112	1.18
1.536	1.22
2.048	1.37
2.8224	1.55
3.072	1.60
4.096	1.79
5.6448	2.03
6.144	2.09
8.192	2.36
11.2896	2.73
12.288	2.84
24.576	4.01

Max. Operating Voltage - UL:



ENGLISH MEASUREMENT VERSION

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Put Ups and Colors:

	item #	Putup	Ship Weight	Color	Notes	Item Desc
ľ	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: 08-23-2012

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