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.

Isage (Overall)	
Suitable Applications:	Shipboard, ABS, Digital Audio, Analog Audio, Low Capacitance, Low Cap, Instrumentation, Control, EIA RS-232, EIA RS-422, EIA RS-485
	NO-232, EIA NO-422, EIA NO-463
Physical Characteristics (Overall)	
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	plyethylene 0.58
Outer Shield Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield Material	I 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	
lechanical 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

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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					
Ilectrical Characteristics (Overall) Nom. Characteristic Impedance: Impedance (Ohm) 100						
Nom. Inductance: Inductance (µH/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:						

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:

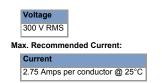
Freq. (MHz)	Attenuation (dB/100 ft.)
.384	.57
.7056	.84
.768	.88
1.024	1.01
1.4112	1.18
1.536	1.22
2.048	1.37
2.8224	1.55
3.072	1.60
4.096	1.79
5.6448	2.03
6.144	2.09
8.192	2.36
11.2896	2.73
12.288	2.84
24.576	4.01

Max. Operating Voltage - UL:



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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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