Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8335 Multi-Conductor - Low Capacitance Computer Cable for EIA RS-232 Applications



For more Information please call

1-800-Belden1



Description:

24 AWG stranded (7x32) tinned copper conductors, semi-rigid PVC insulation, multi-paired cable with overall Beldfoil® (100% coverage) + TC braid shield (65% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
5	24	7x32	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material
S-R PVC - Semi-Rigid Polyvinyl Chloride

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	65

Outer Jacket

Outer Jacket Material:

Outer Jacket Material PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.295 in.

Pair

Pair Color Code Chart:

Number	Color
1	White/Blue & Blue/White
2	White/Orange & Orange/White
3	White/Green & Green/White
4	White/Brown & Brown/White
5	White/Gray & Gray/White

Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
0.900	14.000

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C		
UL Temperature Rating:	80°C (UL AWM Style 2464)		
Bulk Cable Weight:	49 lbs/1000 ft.		
Min. Bend Radius (Install)/Minor Axis:	3 in		

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oplicable Standards & Environmental Programs				
NEC/(UL) Specification:	CMG			
CEC/C(UL) Specification:	CMG			
AWM Specification:	UL Style 2464 (300 V 80°C)			
CSA Specification:	AWMIA			
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):	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			
MII Order #39 (China RoHS):	Yes			
ame Test				
C(UL) Flame Test:	FT4			
enum/Non-Plenum				
Plenum (Y/N):	No			

Nom. Characteristic Impedance:

Impedance	(Ohm)
75	

Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
24

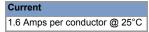
Nominal Outer Shield DC Resistance:



Max. Operating Voltage - UL:



Max. Recommended Current:



Related Documents:

No related documents are available for this product

Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
8335 060100	100 FT	6.000 LB	CHROME		5 PR #24 PVCR SHLD PVC
8335 0601000	1,000 FT	57.000 LB	CHROME	С	5 PR #24 PVCR SHLD PVC
8335 060500	500 FT	29.500 LB	CHROME		5 PR #24 PVCR SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 04-16-2008

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