Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8333 Multi-Conductor - Low Capacitance Computer Cable for EIA RS-232 Applications



For more Information please call

1-800-Belden1



General 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
3	24	7x32	TC - Tinned Copper

Total Number of Conductors:

6

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.011

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Таре	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	65

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.035

Overall Cable

Overall Nominal Diameter: 0.265 in.

Pair

Pair Color Code Chart:

Number	Color
1	White/Blue & Blue/White
2	White/Orange & Orange/White
3	White/Green & Green/White

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C		
UL Temperature Rating:	80°C (UL AWM Style 2464)		
Bulk Cable Weight:	41 lbs/1000 ft.		
Min. Bend Radius/Minor Axis:	2.750 in.		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG	
CEC/C(UL) Specification:	CMG	
AWM Specification:	UL Style 2464 (300 V 80°C)	
CSA Specification:	AWMTA	
EU Directive 2011/65/EU (ROHS II):	Yes	
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	

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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
me Test	
UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4
num/Non-Plenum	
Plenum (Y/N):	No
	EU Directive 2003/11/EC (BFR): CA Prop 65 (CJ for Wire & Cable): MII Order #39 (China RoHS): me Test UL Flame Test: CSA Flame Test: mum/Non-Plenum

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
75

Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



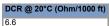
Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



Max. Operating Voltage - UL:



Max. Recommended Current:



Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8333 060100	100 FT	4.800 LB	CHROME		3 PR #24 PVCR SHLD PVC
8333 0601000	1,000 FT	44.000 LB	CHROME	С	3 PR #24 PVCR SHLD PVC
8333 060500	500 FT	22.000 LB	CHROME	С	3 PR #24 PVCR SHLD PVC

Notes:

C = CRATE REEL PUT-UP

Revision Number: 2 Revision Date: 09-21-2012

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