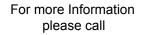
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

83265 Coax - 50 Ohm Coax



1-800-Belden1



Description:

30 AWG stranded (7x38) .012" silver-plated copper-covered steel conductor, TFE Teflon® insulation, silver-plated copper braid shield (96% coverage), FEP jacket.

Physical Characteristics (Overall)	
Conductor	
AWG:	D:- "
# Coax AWG Stranding Conductor Material 1 30 7x38 SPCCS - Silver Plated Copped	Dia. (in. er Covered Steel .012
	1
Insulation Material:	
	a. (in.)
Teflon® TFE - Tetrafluoroethylene .03	53
Outer Shield Outer Shield Material:	
Type Outer Shield Material Coverage (%)	
Braid SPC - Silver Plated Copper 96	
Outer Jacket	
Outer Jacket Material:	
Outer Jacket Material FEP - Fluorinated Ethylene Propylene	
Overall Cable Overall Nominal Diameter:	0.071 in.
	0.071111.
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-70°C To +200°C
Non-UL Temperature Rating:	200°C
Bulk Cable Weight:	6 lbs/1000 ft.
Max. Recommended Pulling Tension:	12 lbs.
Min. Bend Radius (Install)/Minor Axis:	1 in.
Applicable Specifications and Agency Co	moliance (Overa
Applicable Specifications and Agency Co Applicable Standards & Environmental Progr	
EU CE Mark:	No
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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
	100

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



83265 Coax - 50 Ohm Coax

Militar	y Specification:	MIL-C-17, M17/93-RG178	MIL-C-17, M17/93-RG178				
Other	Specification:	UL Style 1637 (30 V 90°C)	UL Style 1637 (30 V 90°C)				
RG Ty	vpe:	178B/U					
lame Te	st						
	ame Test:	UL1685 UL Loading (VW-1)	UL1685 UL Loading (VW-1)				
lenum/N	Ion-Plenum						
	m (Y/N):	No					
	I Characteristics (erall)					
	racteristic Impedance:						
impedan 50	ice (Ohm)						
om. Indu	ctance: nce (µH/ft)						
0.072							
om Can	acitance Conductor to	iold.					
	ance (pF/ft)						
29.0							
ominal V	elocity of Propagatior						
VP (%)							
69.5							
ominal D	olav:						
Delay (n	-						
1.46							
	ductor DC Resistance						
	20°C (Ohm/1000 ft)						
244.0							
	outer Shield DC Resist	e:					
	20°C (Ohm/1000 ft)						
14.6							
om. Atte							
	Hz) Attenuation (dB/100 f						
1 10	2.6						
50	10.5						
100	14.0						
200	19.0						
400	28.0						
700	37.0						
900	42.5						
1000	46.0						
	er Rating:						
	Hz) Rating (W)						
50	380						
100 200	253 170						
400	113						
700	81						
900	70						
1000	66						
ax. Oper	ating Voltage - Other:						
Voltage	Description						
	Specification 750 V RMS						
		Page 2 of 3	04-05-20				
		1 490 2 01 0	07-00-20				



Notes (Overall)

Notes: Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83265 009100	100 FT	0.800 LB	WHITE	E	M17/93-RG178
83265 0091000	1,000 FT	6.000 LB	WHITE	E	M17/93-RG178
83265 009500	500 FT	3.500 LB	WHITE	E	M17/93-RG178

Notes:

E = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'

Revision Number: 4 Revision Date: 03-30-2012

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