Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

83284 Coax - 50 Ohm Coax



For more Information please call

1-800-Belden1



General Description:

26 AWG stranded (7x34) .020" silver-plated copper-covered steel conductor, TFE Teflon® insulation, silver-plated copper braid shield (95% coverage), FEP jacket.

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Mechanical Characteristics (Overall)																																																																				
Non-UL Temperature Rating:200°CBulk Cable Weight:10 lbs/1000 ft.Max. Recommended Pulling Tension:21 lbs.Min. Bend Radius/Minor Axis:1 in.Applicable Specifications and Agency Compliance (Overall)Applicable Standards & Environmental ProgramsEU Directive 2011/65/EU (ROHS II):YesEU Directive 2001/53/EC (ELV):YesEU Directive 2001/53/EC (ELV):YesEU Directive 2002/95/EC (ROHS):YesEU Directive 2002/95/EC (ROHS):YesEU Directive 2003/11/EC (BFR):YesEU Directive 2003/11/EC (BFR):YesEU Directive 2003/11/EC (BFR):YesMil Order #39 (China ROHS):YesMill Order #39 (China ROHS):YesMill Order #39 (China ROHS):MIL-C-17, M17/113-RG316		-70°C To +200°C																																																																		
Bulk Cable Weight: 10 lbs/1000 ft. Max. Recommended Pulling Tension: 21 lbs. Min. Bend Radius/Minor Axis: 1 in. Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs EU Directive 2011/65/EU (ROHS II): Yes EU CE Mark: No EU Directive 2000/53/EC (ELV): Yes EU Directive 2000/53/EC (ROHS): Yes EU Directive 2001/95/EC (WEEE): Yes EU Directive 2003/11/EC (BFR): Yes GA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China ROHS): Yes Military Specification: MIL-C-17, M17/113-RG316																																																																				
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RG Type: 316/U																																																																				
	RG Type:	316/U																																																																		
Plenum/Non-Plenum	Plenum/Non-Plenum																																																																			

Plenum (Y/N):

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

Electrical Characteristics (Overall)



83284 Coax - 50 Ohm Coax

lom. Characte	eristic Impedance:	(••••••••)					
Impedance							
50	(0)						
Iom. Inductar	nce:						
Inductance	e (μH/ft)						
0.067							
		No. 1. 1. 1.					
	ance Conductor to S	Shield:					
Capacitanc	e (pF/ft)						
29.0							
lominal Veloc	ity of Propagation:						
VP (%)							
69.5							
lominal Delay	<i>r</i> :						
Delay (ns/f	t)						
1.48							
om Conduct	tor DC Resistance:						
	C (Ohm/1000 ft)						
84.1							
ominal Outer	r Shield DC Resista	nce:					
DCR @ 20°	C (Ohm/1000 ft)						
6.5	. ,						
om. Attenuat							
Freq. (MHz	Attenuation (dB/1	00 ft.)					
1.000	1.200						
10.000	2.700						
50.000	5.600						
100.000	8.300						
200.000	12.000						
400.000	17.500						
700.000	23.700						
900.000	27.300						
1000.000	29.000						
1500.000	36.500						
2000.000	42.500						
2400.000	47.200						
3000.000	53.600						
lav Operatin	a Voltago Othori						
	g Voltage - Other:	_					
Voltage	Descriptio						
Military Spe	cification 900 V RM	s					
linimum Stru	ctural Return Loss:						
) Min. SRL (dB)						
50.000	30.000						
100.000	30.000						
400.000	23.000						
1000.000	21.000						
3000.000	17.000						
otes (Ove	rall)						
Notes: T	eflon® is a registered	trademark of E. I.	duPont de Nemours and Co.	used under license by	Belden, Inc.		
				See Ender noonloo by			
ut Ups and	d Colors:						
em #		Putup	Ship Weight	Color	Notes	Item Desc	
		100 FT	1.100 LB	WHITE	E	M17/113-RG316 COAX	
3284 009100		1 000 FT	11.000 LB	WHITE	E	M17/113-RG316 COAX	
	0	1,000 FT	11.000 LD		1		
33284 009100 33284 009100 33284 009500		500 FT	6.000 LB	WHITE	E	M17/113-RG316 COAX	

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

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



83284 Coax - 50 Ohm Coax

Revision Number: 5 Revision Date: 03-28-2012

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