Detailed Specifications & Technical Data





1840A Coax - Series 6

For more Information please call

1-800-Belden1



General Description:

Series 6, 18 AWG solid .040" bare copper or bare copper-covered steel conductor (see below), gas-injected foam polyethylene insulation, Duobond® II + AL braid shield (60% coverage), PVC jacket.

Physical Characteristics (Overall)	
Conductor AWG:	
# Coax AWG Stranding Conductor Material Dia.	in.)
2 18 Solid BCCS - Bare Copper Covered Steel 0.040	
Total Number of Conductors:	2
Corrosion Resistance:	Yes
Insulation	
Insulation Material: Insulation Material Dia. (in.)	
Gas-injected FPE - Foam Polyethylene .180	
Static Ground	
Static Ground:	BCCS - Bare Copper Covered Steel
Static Ground Diameter:	0.045 in.
Outer Shield	
Outer Shield Material: Layer # Outer Shield Trade Name Type Outer Shield Material	Coverage (%)
1 Bonded Duofoil® Tape Bonded Aluminum Foil-Po	
2 Braid AL - Aluminum	60
Outer Jacket Material: Outer Jacket Material PVC - Polyvinyl Chloride	
Overall Cable	
Overall Nominal Diameter:	0.273 x 0.703 in.
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-40°C To +80°C
Non-UL Temperature Rating:	80°C
Bulk Cable Weight:	69 lbs/1000 ft.
Max. Recommended Pulling Tension:	195 lbs.
Min. Bend Radius/Minor Axis:	3 in.
Applicable Specifications and Agency Compliance (O	verall)
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 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1840A Coax - Series 6

Delay (ns/ft) 1.2 Deminal Delay: Delay (ns/ft) 1.2 Dominal Outer Sh DCR @ 20°C (fg) 55 1.2 DOR @ 20°C (fg) 55 1.2 DOR @ 20°C (fg) 55 1.2 DOR @ 20°C (fg) 55 1.2 DOM 750): tric Impedance: hm) tric Impedance: hm) e Conductor to Shield: pF/ft) of Propagation: DC Resistance: Ohm/1000 ft) hield DC Resistance:	all)	No			
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Freq. (MHz) A 5 .5 55 1. 211 2. 500 4. 750 5. 862 5. 1000 6.						
Freq. (MHz) A 5 .5 55 1. 211 2. 500 4. 750 5. 862 5. 1000 6.						
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211 2. 500 4. 750 5. 862 5. 1000 6.						
750 5. 862 5. 1000 6.	.6					
750 5. 862 5. 1000 6.						
862 5. 1000 6.						
1000 6.	.5					
1450 7.						
	.8					
1800 8.	.6					
2250 9.	.8					
3000 11	1.3					
ax. Attenuation:	:					
Freq. (MHz) A	ttenuation (dB/100 ft.)					
5 0.	.67					
	.60					
1 1	.87					
500 4.	.48					
750 5.	.59					
862 5.	.98					
1000 6.	.54					
1450 8.	.00					
1 1	.80					
2250 10	0.0					
3000 1	1.9					
x. Operating V	oltage - Non-UL:					
Voltage	g					
350 V RMS						
	ral Return Loss:					
	Hz) Stop Freq. (MHz) Mi					
950 2250	2250 15 3000 10					
2250	3000	J				
weep Test						
Sweep Testi	ng:		950 MHz - 3	3 GHz		
It Ups and C					 	

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ENGLISH MEASUREMENT VERSION



1840A Coax - Series 6

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1840A 0101000	1,000 FT	74.000 LB	BLACK	С	2 #18 GIFPE SH PVC W/MSGR
1840A 010500	500 FT	38.000 LB	BLACK	С	2 #18 GIFPE SH PVC W/MSGR

Notes:

C = CRATE REEL PUT-UP.

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