Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1523A Coax - CATV Cable

For more Information please call

1-800-Belden1



General Description:

Series 11, 14 AWG solid .064" bare copper-covered steel conductor, gas-injected foam polyethylene insulation, Duobond® II + aluminum braid shield (60% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	14	Solid	BCCS - Bare Copper Covered Steel	.064

Total Number of Conductors:

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FPE - Foam Polyethyler	ne .280

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Туре	Outer Shield Material	Coverage (%)
1	Duobond®	Таре	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	AL - Aluminum	60

Outer Jacket

Outer Jacket Material:

Outer Jacket Material PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.393 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C		
Non-UL Temperature Rating:	80°C		
Bulk Cable Weight:	56 lbs/1000 ft.		
Max. Recommended Pulling Tension:	260 lbs.		
Min. Bend Radius/Minor Axis:	4 in.		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CEC/C(UL) Specification: CM	
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	

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	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			
	Other Specification:	ANSI/SCTE 74 (latest revision)			
	Series Type:	Series 11			
Fla	ame Test				
	UL Flame Test:	UL1685 UL Loading			
	CSA Flame Test:	FT1			
Ple	enum/Non-Plenum				
	Plenum (Y/N):	No			

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Maximum Capacitance Conductor to Shield:



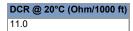
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 4.1

Max. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
5.000	0.380
55.000	0.960
211.000	1.900
250.000	2.050
270.000	2.130
300.000	2.250
330.000	2.350
350.000	2.420
400.000	2.600
450.000	2.750
500.000	2.900
550.000	3.040
600.000	3.180
750.000	3.650
870.000	4.060

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1000.000 4.350

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Operating Voltage - Non-UL:

Voltage 300 V RMS

Minimum Structural Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. SRL (dB)
		5	1000	20

Notes (Overall)

Notes: Sweep tested 5 MHz to 1 GHz.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1523A 0091000	1,000 FT	63.000 LB	WHITE	С	#14 GIFHDLDPE SH PVC
1523A 0101000	1,000 FT	63.000 LB	BLACK		#14 GIFHDLDPE SH PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 06-09-2015

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