Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1426A Coax - 75 Ohm Coax

For more Information please call

1-800-Belden1



General Description:

20 AWG Solid .032" bare copper conductor, gas-injected foam HDPE insulation, bare copper braid shield (95% coverage), PVC jacket.

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Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	20	Solid	BC - Bare Copper	.032

Total Number of Conductors:

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethy	ylene .145

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Material PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.242 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +75°C	
UL Temperature Rating:	60°C	
Non-UL Temperature Rating:	75°C	
Bulk Cable Weight:	36 lbs/1000 ft.	
Max. Recommended Pulling Tension:	68 lbs.	
Min. Bend Radius/Minor Axis:	2.500 in.	

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM		
AWM Specification:	UL Style 1354		
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		

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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			
RG Type:	59/U			
Flame Test				
UL Flame Test:	UL1685 UL Loading			
Suitability				
Suitability - Indoor:	Yes			
Suitability - Outdoor:	Yes			
Suitability - Aerial:	Yes - When supported by a messenger wire.			
Plenum/Non-Plenum				
Plenum (Y/N):	No			

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



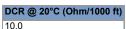
Nominal Velocity of Propagation:



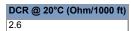
Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.3
5	.65
10	.9
50	1.9
100	2.6
200	3.6
400	5.0
700	7.0
900	8.0
1000	8.5

Max. Operating Voltage - UL:

Voltage

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30 V RMS (UL AWM Style 1354) 300 V RMS (CM)

Max. Operating Voltage - Non-UL:

Voltage 300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1426A 010U1000	1,000 FT	37.000 LB	BLACK		#20 PE/GIFHDLDPE BRD PVC

Revision Number: 2 Revision Date: 05-14-2007

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