Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1417B Coax - Bundled RGB Coaxial Cable High Flex Type



For more Information please call

1-800-Belden1



General Description:

26 AWG stranded (7x34) .019" bare copper conductors, foam HDPE insulation, Duofoil® + tinned copper braid shield (95% coverage), overall PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax AWG		Stranding	Conductor Material	Dia. (in.)
5	26	7x34	BC - Bare Copper	.019

Total Number of Conductors: 5

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FHDPE - Foam High Density Polyethylene	.089

Inner Shield

Inner Shield Material:

Layer # Inner Shield Trade Name		Type	Inner Shield Material	Coverage (%)
1	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100.000
2		Braid	TC - Tinned Copper	95.000

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.146

Inner Jacket Color Code Chart:

Number	Color
1	Red
2	Green
3	Blue
4	White
5	Yellow

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Cabling Separator Material:	Polyester Tape
Overall Nominal Diameter:	0.477 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +60°C
Non-UL Temperature Rating:	60°C
Bulk Cable Weight:	103 lbs/1000 ft.
Max. Recommended Pulling Tension:	172 lbs.

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Min. Bend Radius/Minor Axis:	4.750 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 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						
Other Specification:	SMPTE						
RG Type:	Mini 59/U						
Plenum/Non-Plenum							

No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Plenum (Y/N):

Nom. Capacitance Cond. to Other Conductor & Shield:



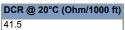
Nominal Velocity of Propagation:



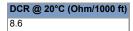
Nominal Delay:



Nom. Conductor DC Resistance:



Nom. Inner Shield DC Resistance:



Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.6
5	1.3
10	1.8
30	3.1
50	3.9
100	5.4
200	7.5
400	10.4
700	13.5
900	15.2
1000	15.9

Max. Operating Voltage - Non-UL:

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Voltage 30 V RMS (UL AWM Style 2960) 150 V RMS

Minimum Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		10	40	25

Sweep Test

Sweep Testing:

100% sweep tested 10 MHz to 40 MHz.

Misc. Information (Overall)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1417B J5C1000	1,000 FT	111.000 LB	BLACK, VIVID MATTE	С	5 #26 FPE SH PVC PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-22-2012

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