

## 1417B Coax - Bundled RGB Coaxial Cable High Flex Type



For more Information  
please call

1-800-Belden1

**Description:**

26 AWG stranded (7x34) .019" bare copper conductors, foam HDPE insulation, Duofoil® + tinned copper braid shield (93% coverage), overall PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

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

**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
2		Braid	TC - Tinned Copper	93

**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**

<b>Overall Cabling Separator Material:</b>	Polyester Tape
<b>Overall Nominal Diameter:</b>	0.477 in.

**Mechanical Characteristics (Overall)**

<b>Operating Temperature Range:</b>	-40°C To +60°C
<b>Non-UL Temperature Rating:</b>	60°C
<b>Bulk Cable Weight:</b>	103 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	172 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	4 in.

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## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

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

Plenum (Y/N):	No
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## Electrical Characteristics (Overall)

## Nom. Characteristic Impedance:

Impedance (Ohm)
75

## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)
17.3

## Nominal Velocity of Propagation:

VP (%)
78

## Nominal Delay:

Delay (ns/ft)
1.30

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
41.5

## Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
8.6

## 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:

Voltage
30 V RMS (UL AWM Style 2960)

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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)****Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

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

**Notes:**

C = CRATE REEL PUT-UP.

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