# **Detailed Specifications & Technical Data**

## **ENGLISH MEASUREMENT VERSION**



# 1407B 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	<b>Conductor Material</b>	Dia. (in.)
4	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	Туре	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

## **Outer Shield**

## **Outer Shield Material:**

Outer Shield	Material
Unshielded	

### **Outer Jacket**

## **Outer Jacket Material:**

**Outer Jacket Material** PVC - Polyvinyl Chloride

### **Overall Cable**

Overall Cabling Separator Material:	Polyester Tape
Overall Nominal Diameter:	0.435 in.

echanical Characteristics (Overall)			
Operating Temperature Range:	-40°C To +60°C		
Non-UL Temperature Rating:	60°C		

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Bulk Cable Weight:	93 lbs/1000 ft.
Max. Recommended Pulling Tension:	138 lbs.
Min. Bend Radius (Install)/Minor Axis:	4 in.

# **Applicable Specifications and Agency Compliance (Overall)**

# **Applicable Standards & 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

# Plenum (Y/N):

## **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Nom. Capacitance Cond. to Other Conductor & Shield:



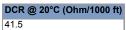
Nominal Velocity of Propagation:



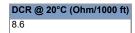
Nominal Delay:



Nom. Conductor DC Resistance:



Nom. Inner Shield DC Resistance:



Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.6
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

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## Max. Operating Voltage - Non-UL:

300 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:**

Ite	em #	Putup	Ship Weight	Color	Notes	Item Desc
14	407B J5C1000	1,000 FT	100.000 LB	BLACK, VIVID MATTE	С	4 #26 FPE SH PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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