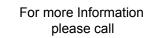
## **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



## 1418B Coax - Bundled RGB Coaxial Cable



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, inner PVC jacket.

## **Physical Characteristics (Overall)**

### Conductor

#### AWG:

# Coax	AWG	_	<b>Conductor Material</b>	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		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**

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

## **Mechanical Characteristics (Overall)**

Chamban Chambon (Cronan)				
Operating Temperature Range:	-40°C To +60°C			
UL Temperature Rating:	60°C (UL AWM Style 1354)			
Bulk Cable Weight:	109 lbs/1000 ft.			
Max. Recommended Pulling Tension:	172 lbs.			
Min. Bend Radius (Install)/Minor Axis:	4 in.			

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# **Detailed Specifications & Technical Data**





## 1418B Coax - Bundled RGB Coaxial Cable

oplicable Standards & Environmental Programs					
NEC/(UL) Specification:	CM				
CEC/C(UL) Specification:	CM				
AWM Specification:	UL Style 1354 (30 V 60°C) (each coax); UL Style 2668 (overall)				
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				
ame Test					
UL Flame Test:	UL1685 UL Loading				

No

## **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Plenum (Y/N):

Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:



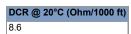
**Nominal Delay:** 



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

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## **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



#### 1418B Coax - Bundled RGB Coaxial Cable

1000 | 15.9

Max. Operating Voltage - UL:

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

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
1418B 0101000	1,000 FT	116.000 LB	BLACK	С	5 #26 FPE SH PVC PVC
1418B 010500	500 FT	61.500 LB	BLACK	С	5 #26 FPE SH PVC PVC

#### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 04-11-2008

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