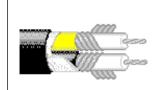


# 1808A Coax - High Flex RGB & SVHS Cable



For more information please call
1-800-Belden1

**See Put-ups and Colors** 

### **Description:**

30~AWG stranded (7x38) .012" tinned copper conductors, foam HDPE insulation, tinned copper serve shields (90% shield coverage), inner PVC jackets, overall PVC jacket.

### PHYSICAL CHARACTERISTICS:

### **CONDUCTOR:**

Number of Coax	2
Total Number of Conductors	2
AWG	30
Stranding	7x38
Conductor Diameter	0.33 mm
Conductor Material	TC - Tinned Copper

### INSULATION:

Insulation Material	FHDPE - Foam High Density Polyethylene
Insulation Diameter	1.473 mm

### **INNER SHIELD:**

Inner Shield Type	Spiral Serve	
Inner Shield Material	TC - Tinned Copper	
Inner Shield %Coverage	90 %	

### **INNER JACKET:**

Inner Jacket Material	PVC - Polyvinyl Chloride
Inner Jacket Diameter	2.54 mm
Inner Jacket Color Code Chart:	

Number	Color
1	Black
2	Yellow

### INNER JACKET SEPARATOR:

Inner Jacket Separator Material Paper Tape

### **OUTER JACKET:**

Outer Jacket Material PVC - Polyvinyl Chloride

### **OVERALL NOMINAL DIAMETER:**



## 1808A Coax - High Flex RGB & SVHS Cable

Overall Nominal Diameter 6.477 mm

### **MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-40°C To +60°C
Bulk Cable Weight	47.622 Kg/Km
Max. Recommended Pulling Tension	52.044 N
Min. Bend Radius (Install)	2.54 cm

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

### APPLICABLE STANDARDS:

AWM Specification UL Style 1354

### PLENUM/NON-PLENUM:

Plenum (Y/N)

### **ELECTRICAL CHARACTERISTICS:**

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	$0.318\mu\text{H/m}$
Nom. Capacitance Conductor to Shield	56.761 pF/m
Nominal Velocity of Propagation	78 %
Nom. Conductor DC Resistance @ 20 Deg. C	328.1 Ohms/km
Nom. Inner Shield DC Resistance:	24.608 Ohms/km
Nom. Inner Shield DC Resistance:	24.608 Ohms/km

### Nom. Attenuation:

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100m)
	1			1.969
	5			4.593
	10			6.89
	30			12.468
	50			16.733
	100			24.936
	200			37.075
	400			55.449
	700			76.447
	900			88.259
	1000			93.837

### **PUT-UPS AND COLORS:**

Item	Description	Put-Up (M)	Ship Weight (kgs.)	Jacket Color	Notes
	2 #30 FHDPE SRV PVC PVC	304.8	14.982	BLACK, MATTE	С
	2 #30 FHDPE SRV PVC PVC	152.4	7.491	BLACK, MATTE	
	2 #30 FHDPE SRV PVC PVC	U304.8	14.528	BLACK, MATTE	

## Detailed Specifications & Technical Data



### 1808A Coax - High Flex RGB & SVHS Cable

		TT1 50 4		D C	
1808A B59U500	2 #30 FHDPE SRV	U152.4	7.264	BLACK, MATTE	
	PVC PVC				

C = CRATE REEL PUT-UP.

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