# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



## 1808A Coax - High-Flex S-Video Cable

For more Information please call

1-800-Belden1



# **General Description:**

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

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# **Physical Characteristics (Overall)**

### Conductor

#### AWG:

# Coax	AWG	•	<b>Conductor Material</b>	` '
2	30	7x38	TC - Tinned Copper	.013

Total Number of Conductors:

#### Insulation

#### **Insulation Material:**

Insulation Material	Dia. (in.)
FHDPE - Foam High Density Polyethylene	.058

### **Inner Shield**

### Inner Shield Material:

Туре	Inner Shield Material	Coverage (%)
Spiral Serve	TC - Tinned Copper	90

### **Inner Jacket**

### Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.100

#### **Inner Jacket Color Code Chart:**

Number	Color
1	Black
2	Yellow

#### **Outer Jacket**

### **Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

## **Overall Cable**

Overall Nominal Diameter: 0.254 in.

### **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-40°C To +75°C	
UL Temperature Rating:	60°C	
Non-UL Temperature Rating:	75°C	
Bulk Cable Weight:	29 lbs/1000 ft.	
Max. Recommended Pulling Tension:	12 lbs.	
Min. Bend Radius/Minor Axis:	2.500 in.	

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#### **Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs AWM Specification:** UL Style 1354 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 Suitability Suitability - Indoor: Yes Suitability - Outdoor: Yes Plenum/Non-Plenum

No

## **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Plenum (Y/N):

Nom. Inductance:



Nom. Capacitance Conductor to Shield:



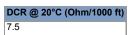
Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nom. Inner Shield DC Resistance:



Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.6
5	1.4
10	2.1
30	3.8
50	5.1
100	7.6
200	11.3
400	16.9
700	23.3
900	26.9
1000	28.6

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Max. Operating Voltage - UL:

Voltage 30 V RMS

Max. Operating Voltage - Non-UL:

Voltage 300 V RMS

**Notes (Overall)** 

Notes: Inner Jacket Separator Material: Paper Tape.

### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1808A B59U1000	1,000 FT	31.000 LB	BLACK, MATTE		2 #30 FHDPE SRV PVC PVC
1808A B59U500	500 FT	16.500 LB	BLACK, MATTE		2 #30 FHDPE SRV PVC PVC
1808A B591000	1,000 FT	33.000 LB	BLACK, MATTE	С	2 #30 FHDPE SRV PVC PVC
1808A B59500	500 FT	16.500 LB	BLACK, MATTE	С	2 #30 FHDPE SRV PVC PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 10-04-2012

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