

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

For more Information  
please call

1-800-Belden1

**Description:**

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

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

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
2	30	7x38	TC - Tinned Copper	.013

**Insulation****Insulation Material:**

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

**Inner Shield****Inner Shield Material:**

Type	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: 0.255 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: 11.700 lbs.

Min. Bend Radius (Install)/Minor Axis: 1 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

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

AWM Specification:	UL Style 1354
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EU CE Mark:	No
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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**Suitability**

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)****Nom. Characteristic Impedance:**

Impedance (Ohm)
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75
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**Nom. Inductance:**

Inductance (μH/ft)
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0.097
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**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)
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17.3
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**Nominal Velocity of Propagation:**

VP (%)
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78
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**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
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100.0
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**Nom. Inner Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
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7.5
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**Nom. Attenuation:**

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

**Max. Operating Voltage - UL:**

Voltage
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30 V RMS
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**Max. Operating Voltage - Non-UL:**

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

## Voltage

300 V RMS

## Notes (Overall)

**Notes:** Inner Jacket Separator Material: Paper Tape.

## Related Documents:

No related documents are available for this product

## 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	C	2 #30 FHDPE SRV PVC PVC
1808A B59500	500 FT	14.500 LB	BLACK, MATTE	C	2 #30 FHDPE SRV PVC PVC

**Notes:**

C = CRATE REEL PUT-UP.

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