# **Detailed Specifications & Technical Data**

**ENGLISH MEASUREMENT VERSION** 



# 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	<b>Conductor Material</b>	Dia. (in.)
2	30	7x38	TC - Tinned Copper	.013

#### Insulation

### Insulation Material:

Insulation Material	Dia. (in.)
FHDPE - Foam High Density Polyethyle	ne .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: 0.255 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** 

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AWM Specification:	UL Style 1354
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	
Plenum (Y/N):	No

# **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



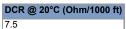
Nominal Velocity of Propagation:



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

Max. Operating Voltage - UL:



Max. Operating Voltage - Non-UL:

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

Notes:

C = CRATE REEL PUT-UP.

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

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