

7700A Coax - High-Flex S-Video Cable

For more Information
please call

1-800-Belden1

**General Description:**

30 AWG stranded (7x38) .012" tinned copper conductors, plenum, foam FEP insulation, tinned copper "French braid" shield (95% coverage), Flammarrest® jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
2	30	7x38	TC - Tinned Copper	.012

Total Number of Conductors:

2

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Dia. (in.)
Teflon®	FFEP - Foam Fluorinated Ethylene Propylene	.053

Inner Shield

Inner Shield Material:

Type	Inner Shield Material	Coverage (%)
French Braid	TC - Tinned Copper	95.000

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Flammarrest®	LS PVC - Low Smoke Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter:

0.107 x 0.215 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
UL Temperature Rating:	60°C
Non-UL Temperature Rating:	60°C
Bulk Cable Weight:	20 lbs/1000 ft.
Max. Recommended Pulling Tension:	12 lbs.
Min. Bend Radius/Minor Axis:	1 in.

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

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
EU Directive 2011/65/EU (RoHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	12/01/2005
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

Flame Test

UL Flame Test:

NFPA 262

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CSA Flame Test:	FT6
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Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Non-Plenum Number:	1807A
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Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)

75.000

Nom. Inductance:

Inductance (µH/ft)

0.097

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

17.3

Nominal Velocity of Propagation:

VP (%)

78

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

100.0

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

7.5

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.7
5	1.7
10	2.3
30	4.1
50	5.3
100	7.6
200	11.8
400	17.6
700	24.2
900	28.0
1000	29.8

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Operating Voltage - Non-UL:

Voltage

300 V RMS

Notes (Overall)

Notes: Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7700A B591000	1,000 FT	21.000 LB	BLACK, MATTE	C	2#30 FPFASRVFLRSTPARA
7700A B59500	500 FT	11.500 LB	BLACK, MATTE		2#30 FPFA SRV FLRST PARA

Notes:

C = CRATE REEL PUT-UP.

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