

7700A Coax - High-Flex S-Video Cable



For more Information
please call

1-800-Belden1



Description:

30 AWG stranded (7x38) .012" tinned copper conductors, plenum, foam FEP insulation, tinned copper "French braid" shield (98% coverage), Flamarrrest® jacket.

Physical Characteristics (Overall)

Conductor

AWG:

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

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	98

Outer Jacket

Outer Jacket Material:

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

Overall Cable

Overall Nominal Diameter: 0.107 x 0.214 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 (Install)/Minor Axis: 1 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMP

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
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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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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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Suitability - Outdoor:	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)	Tolerance (Ohms)
75	+/- 5

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.

Related Documents:

No related documents are available for this product

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 PPFASRVFLRSTPARA
7700A B59500	500 FT	10.000 LB	BLACK, MATTE		2#30 FPFA SRV FLRST PARA

Notes:

C = CRATE REEL PUT-UP.

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