

7700A Coax - High-Flex S-Video Cable

 	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

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

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	2
Total Number of Conductors	2
AWG	30
Stranding	7x38
Conductor Diameter	.012 in.
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material Trade Name	Teflon®
Insulation Material	FFEP - Foam Fluorinated Ethylene Propylene
Insulation Diameter	.053 in.

INNER SHIELD:

Inner Shield Type	French Braid
Inner Shield Material	TC - Tinned Copper
Inner Shield % Coverage	98 %

OUTER JACKET:

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

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.107 x .214 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C
Non-UL Temperature Rating	60°C
Bulk Cable Weight	16.2 lbs/1000 ft.
Max. Recommended Pulling Tension	12 lbs.

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Min. Bend Radius (Install)	1 in.
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APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMP
CEC/C(UL) Specification	CMP
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	12/01/2005

FLAME TEST:

UL Flame Test	NFPA 262
CSA Flame Test	FT6

SUITABILITY:

Suitability - Indoor	Yes
Suitability - Outdoor	Yes

PLENUM/NON-PLENUM:

Plenum (Y/N)	Y
Non-Plenum Number	1807A

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 +/- 5 Ohms
Nom. Inductance	0.097 μ H/ft
Nom. Capacitance Conductor to Shield	17.3 pF/ft
Nominal Velocity of Propagation	78 %
Nom. Conductor DC Resistance @ 20 Deg. C	100.0 Ohms/1000 ft
Nom. Inner Shield DC Resistance:	7.5 Ohms/1000 ft
Nom. Attenuation :	

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. 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	300 V RMS
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Max. Operating Voltage - Non-UL	300 V RMS
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NOTES:

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

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
7700A B591000	2#30 FPFASRVFLRSTPA RA	1000	17	BLACK, MATTE	C
7700A B59500	2#30 FPFA SRV FLRST PARA	500	8.5	BLACK, MATTE	

C = CRATE REEL PUT-UP.

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