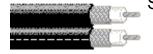


# Part Number: 7700A



S-Video, High-Flex, Dual Mini 75 Ohm #30 Coax, Parallel CMP

### **Product Description**

S-Video Cable, Plenum-CMP, 2-30 AWG stranded tinned copper coax, foam FEP insulation, 95% tinned copper shield, Flamarrest® jacket

### **Technical Specifications**

#### **Product Overview** Environmental Space: Indoor/Outdoor **Physical Characteristics (Overall)** Conductor AWG Stranding Material Nominal Diameter No. of Coax 7x38 TC - Tinned Copper 0.012 in 2 30 Conductor Count: 2 AWG Size: 30 Insulation

Material	Material Trade Name	Nominal Diameter
FFEP - Foam Fluorinated Ethylene Propylene	Teflon®	0.053 in

#### Inner Shield Material

Туре	Material	Coverage [%]
French Braid	TC - Tinned Copper	95 %

#### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.215 in

### **Electrical Characteristics**

#### Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Inner Shield DCR	Outer Conductor DCR
100 Ohm/1000ft	100 Ohm/1000ft	7.5 Ohm/1000ft	7.5 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Shield
17.3 pF/ft

#### Inductance

Nominal Inductance 0.097 µH/ft

#### Impedance

Nominal Characteristic Impedance	
75 Ohm	

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.7 dB/100ft
5 MHz	1.7 dB/100ft

10 MHz	2.3 dB/100ft
30 MHz	4.1 dB/100ft
50 MHz	5.3 dB/100ft
100 MHz	7.6 dB/100ft
200 MHz	11.8 dB/100ft
400 MHz	17.6 dB/100ft
700 MHz	24.2 dB/100ft
900 MHz	28 dB/100ft
1000 MHz	29.8 dB/100ft

### Delay

Nominal Velocity of Propagation (VP) [%]
78 %

### Voltage

Non-UL Voltage Rating	UL Voltage Rating
300 V RMS	300 V RMS

# **Temperature Range**

Non-UL Temp Rating:	60°C
UL Temp Rating:	O°00
Operating Temp Range:	-20°C To +60°C

### **Mechanical Characteristics**

Bulk Cable Weight:	20 lbs/1000ft
Max Recommended Pulling Tension:	12 lbs
Min Bend Radius/Minor Axis:	1 in

# Standards

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
RG Type:	Ultra-miniature RG-59/U Type
Series Type:	Sub-miniature 59

# Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-12-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

# Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

# Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
CSA Flammability:	FT6

# Part Number

Plenum (Y/N):	Yes
Non-Plenum Number:	1807A
Footnote:	C - CRATE REEL PUT-UP.

### **Product Notes**

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