

**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
30	7x38	TC - Tinned Copper	0.012 in	2

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**

Type	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**

<b>Nom. Capacitance Conductor to Shield</b>
17.3 pF/ft

**Inductance**

<b>Nominal Inductance</b>
0.097 µH/ft

**Impedance**

<b>Nominal Characteristic Impedance</b>
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:	60°C
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, LSOH, 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

Notes:

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

© 2018 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS(Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be instock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.