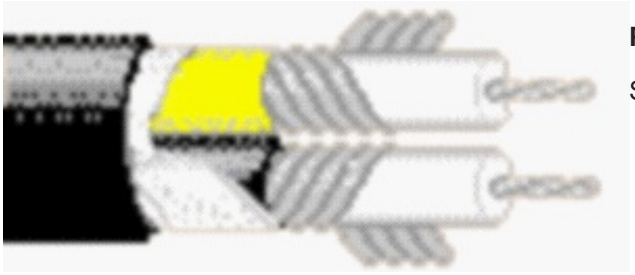

Part Number: 1808A

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

Product Description

S-Video Cable, 2-30 AWG stranded tinned copper coax, foam HDPE insulation, 90% tinned copper spiral serve shield, PVC jacket

Product Specifications

AG.Filter Attributes

Total Number of Conductors:	2

Technical Specifications

APAC Standard

MII Order #39 (China RoHS):	Yes

Applicable Patents

Patent:	http://www.belden.com/p

Bend Radius

Min Bend Radius/Minor Axis:	2.5 in

CCB-Sub-Part Number

Plenum (Y/N):	No

Contact Information

PHONE_NUM:	1-800-Belden1

EU Directive

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
UL AWM Style:	UL Style 1354

Unused Attributes

Notes:	Inner Jacket Separator Material: Paper Tape.

Use

Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	12 lbs
Suitability - Indoor:	Yes

Impedance:

Nominal Characteristic Impedance
75 Ohm

Inductance:

Nominal Inductance
0.097 µH/ft

Conductor DCR:

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

Color Chart 3:

Number	Color
1	Black
2	Yellow

Delay:

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

Voltage:

Non-UL Voltage Rating	UL Voltage Rating
300V RMS	30V RMS V

Innershield:

Type	Material	Coverage [%]
Spiral Serve	TC - Tinned Copper	90 %

PB HD-SDI Coax Table:

Description	Part No.	UL NEC/C(UL) CEC Type	Standard Lengths	Standard Unit Weight	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD	Shielding Materials Nom. DCR	Nominal OD	Nom. Imp ()	Nom. Vel. of Prop.	Nominal Capacitance	Nominal Attenuation
Ft. m			Lbs. kg	Inch mm	Inch mm			pF/Ft. pF/m		MHz	dB/100 Ft. dB/100m	
S-Video Cable, 2-30 AWG stranded tinned copper coax, foam HDPE insulation, 90% tinned copper spiral serve shield, PVC jacket												
S-Video Cable, 2-30 AWG stranded tinned copper coax, foam HDPE insulation, 90% tinned copper spiral serve shield, PVC jacket												
SDI/HDTV	NEC:	Hard Code	29 lbs/1000ft	Hard Code	30	0.058 in	Hard code	0.254 in	Hard Code	78 %	Hard Code	1 MHz	0.6 dB/100ft	Hard Code
Digital Video					7x38			5 MHz			1.4 dB/100ft	
	CEC				0.013 in			10 MHz			2.1 dB/100ft	
					TC - Tinned Copper			30 MHz			3.8 dB/100ft	
					100 Ohm/1000ft			50 MHz			5.1 dB/100ft	
					Hard Code			7.6 dB/100ft				

Capacitance:

Nom. Capacitance Conductor to Shield
17.3 pF/ft

High Frequency (Nominal/Typical):

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.6 dB/100ft
5 MHz	1.4 dB/100ft
10 MHz	2.1 dB/100ft
30 MHz	3.8 dB/100ft
50 MHz	5.1 dB/100ft
100 MHz	7.6 dB/100ft
200 MHz	11.3 dB/100ft

400 MHz	16.9 dB/100ft
700 MHz	23.3 dB/100ft
900 MHz	26.9 dB/100ft
1000 MHz	28.6 dB/100ft

Innerjacket:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.1 in

Insulation:

Material	Nominal Diameter
FHDPE - Foam High Density Polyethylene	0.058 in

Outerjacket 1:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.254 in

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Coax
30	7x38	TC - Tinned Copper	0.013 in	2

Product Variants

Part Number	Color	Put-Up Type	Length
1808A	BLACK, MATTE	Reel	1000 ft
1808A	MATTE BLACK	Reel	305 m
1808A B591000	BLACK, MATTE	Reel	1000 ft
1808A	BLACK, MATTE	Reel	500 ft
1808A	MATTE BLACK	Reel	152 m
1808A B59500	BLACK, MATTE	Reel	500 ft
1808A	BLACK, MATTE	UnReel	1000 ft
1808A	MATTE BLACK	UnReel	305 m
1808A B59U1000	BLACK, MATTE	UnReel	1000 ft
1808A	BLACK, MATTE	UnReel	500 ft
1808A	MATTE BLACK	UnReel	152 m
1808A B59U500	BLACK, MATTE	UnReel	500 ft
1808A			

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