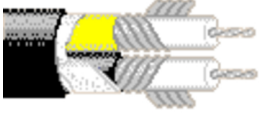


Part Number: 1808A

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

Technical Specifications

Product Overview

Environmental Space:	Indoor/Outdoor
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Physical Characteristics (Overall)

Conductor

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

Conductor Count:	2
Conductor Size:	30 AWG

Insulation

Material	Nominal Diameter
FHDPE - Foamed High Density Polyethylene	0.058 in

Color Chart

Number	Color
1	Black
2	Yellow

Inner Shield Material

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

Inner Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.1 in

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.254 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 μ H/ft

Impedance

Nominal Characteristic Impedance

75 Ohm

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

Delay

Nominal Velocity of Propagation (VP) [%]

78 %

Voltage

Non-UL Voltage Rating | UL Voltage Rating

300 V RMS | 30 V RMS

Temperature Range

Non-UL Temp Rating:	75°C
UL Temp Rating:	60°C
Operating Temp Range:	-40°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	29 lbs/1000ft
Max Recommended Pulling Tension:	12 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

UL AWM Style:	UL Style 1354
RG Type:	Ultra-miniature 59/U Type

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:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
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 voltage rating:	30 V RMS
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
1808A B591000	Black, Matte	C
1808A B59500	Black, Matte	C
1808A B59U1000	Black, Matte	
1808A B59U500	Black, Matte	

Footnote:	C - CRATE REEL PUT-UP.
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Product Notes

Notes:	Inner Jacket Separator Material: Paper Tape.
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