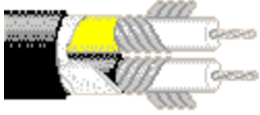




Product: [1808A](#)



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

### Physical Characteristics (Overall)

#### Conductor

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

Conductor Count: 2

#### Insulation

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.058 in

#### Color Chart

Number	Color
1	Black
2	Yellow

#### Inner Shield

Type	Material	Coverage [%]
Spiral Serve / Screen	Tinned Copper (TC)	90%

#### Inner Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.1 in

#### Outer Jacket

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 $\mu$ 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 Temperature Range:	-40°C To +75°C

## Mechanical Characteristics

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

## Standards

UL AWM Style Compliance:	AWM 1354
RG Type:	Ultra-miniature 59

## Applicable Environmental and Other Programs

Environmental Space:	Indoor/Outdoor
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

## Flammability, LSOH, Toxicity Testing

UL voltage rating:	30 V RMS
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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