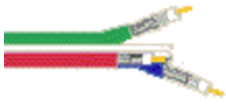




**Product:** [1855S3](#)



VideoFLEX® Snake, Banana Peel, Mini, #23-3 Coax, CMR

### Product Description

VideoFLEX® Digital Coax Snake Cable, Riser-CMR, 3-Sub-Miniature 23 AWG, solid bare copper conductors, foam HDPE core, Duofoil® +95% tinned copper braid, individual PVC jackets, Banana Peel construction

### Technical Specifications

#### Product Overview

Suitable Applications:	RGB, VGA, SVGA, XGA, SXGA, UXGA, HDTV, LCD, Plasma, Digital Signage, Component Video, Video Mult, Animation, Special Effects, Suitable for use in Risers
------------------------	--

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
23	Solid	BC - Bare Copper	0.023 in	3

Conductor Count:	3
------------------	---

##### Insulation

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.102 in

Table Notes:	Gas Injected
--------------	--------------

##### Color Chart

Number	Color
1	Red
2	Green
3	Blue

##### Inner Shield

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Tri-Laminate (Alum+Poly+Alum)	Duofoil®	100%
Braid	2	Tinned Copper (TC)		95%

##### Inner Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.159 in

##### Outer Jacket

Material	Nominal Diameter
Banana Peel (No Overall Jacket)	0.343 in

#### Construction and Dimensions

##### Cabling

Filler
Bonded Spline

## Electrical Characteristics

### Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Inner Shield DCR	Outer Conductor DCR
20.1 Ohm/1000ft	20.1 Ohm/1000ft	7.6 Ohm/1000ft	7.6 Ohm/1000ft

### Capacitance

Nom. Capacitance Conductor to Shield
16.5 pF/ft

### Inductance

Nominal Inductance
0.106 $\mu$ H/ft

### Impedance

Nominal Characteristic Impedance
75 Ohm

### Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5-625 MHz	20 dB
625-675 MHz	15 dB
675-850 MHz	20 dB
850-4500 MHz	15 dB

### High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.4 dB/100ft
3.6 MHz	0.8 dB/100ft
10 MHz	1.2 dB/100ft
71.5 MHz	3.1 dB/100ft
135 MHz	3.8 dB/100ft
270 MHz	5.4 dB/100ft
360 MHz	6.2 dB/100ft
540 MHz	7.7 dB/100ft
720 MHz	9.1 dB/100ft
750 MHz	9.5 dB/100ft
1000 MHz	10.5 dB/100ft
1500 MHz	13 dB/100ft
2500 MHz	16.9 dB/100ft
3000 MHz	18.5 dB/100ft

### Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.24 ns/ft	83%

### Voltage

UL Voltage Rating
300 V RMS

## Temperature Range

Non-UL Temp Rating:	75°C
UL Temp Rating:	60°C
Operating Temperature Range:	-35°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	52 lbs/1000ft
Max. Pull Tension:	108 lbs
Min. Bend Radius/Minor Axis:	5 in

## Standards

NEC/(UL) Compliance:	CMR
----------------------	-----