

**Product: [7792A](#)**



VideoFLEX® Snake, Sub-miniature, 12 Coax 23 AWG, Riser

**Product Description**

Digital Coax Snake Cable, 12-Sub-miniature 23 AWG, solid bare copper conductors, foam HDPE core, Duofoil® + 95% tinned copper braid, Riser, PVC jacket.

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	Nominal Diameter	No. of Coax
23	Solid	BC - Bare Copper	0.023 in	12

Conductor Count: 12

**Insulation**

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.102 in

Insulation, Table Note: Gas Injected

**Inner Shield Material**

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Alum / Poly / Alum	Duofoil®	100 %
Braid	2	TC - Tinned Copper		95 %

**Inner Jacket Material**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.159 in

**Outer Shield Material**

Material
No Shield

**Outer Jacket Material**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.825 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR	Nominal Inner Shield DCR	Outer Conductor DCR
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

## 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
4500 MHz	24.6 dB/100ft
6000 MHz	28.97 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 Temp Range:	-35°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	310 lbs/1000ft
Max Recommended Pulling Tension:	432 lbs
Min Bend Radius/Minor Axis:	8.5 in

## Standards

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca
RG Type:	Mini 59/U Type

## Applicable Environmental and Other Programs

Environmental Space:	Indoor/Outdoor
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/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):	2004-01-01
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

## Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Vertical Shaft
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Putup Type	Length	UPC
7792A B59500	Black, Matte	Reel	500 ft	61282535434
7792A B591000	Black, Matte	Reel	1,000 ft	612825355373

Footnote: C - CRATE REEL PUT-UP.

## History

Update and Revision:	Revision Number: 0.266 Revision Date: 04-28-2020
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