

Product: [1505S6](#) 

Life Cycle Status: Discontinued

VideoFLEX® Snake, Banana Peel, RG59, #20-6 Coax, CMR



Product Description

20 AWG solid .032" bare copper conductors, gas-injected foam HDPE insulation, Duofoil® (100% Coverage) plus a tinned copper braid shield (95% coverage), individual PVC jackets.

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
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Product Life Cycle

Life Cycle:	Discontinued - the product is no longer manufactured
Discontinuation Announcement Date:	2023-02-21

Construction Details

RG Type:	59
Series Type:	59

Conductor

Size	Stranding	Nom. Diameter	Material
20	Solid	0.032 in	BC - Bare Copper

Insulation

Material	Nom. Insulation Diameter	Color Code
PE - Polyethylene (Foam)	0.145 in (3.68 mm)	Red, Green, Blue, White, Yellow

Insulation Table Notes: Gas Injected

Inner Shield

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

Inner Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.235 in (5.97 mm)

Outer Jacket

Material	Nom. Diameter
Banana Peel (No Overall Jacket)	0.699 in

Electrical Characteristics

Return Loss

Frequency	Min. Return Loss
5-475 MHz	20 dB
475-525 MHz	15 dB
525-850 MHz	20 dB
850-4500 MHz	15 dB

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.3 dB/100ft
3.6 MHz	0.6 dB/100ft
10 MHz	0.9 dB/100ft
71.5 MHz	2.1 dB/100ft
135 MHz	2.7 dB/100ft
270 MHz	3.8 dB/100ft
360 MHz	4.4 dB/100ft
540 MHz	5.5 dB/100ft
720 MHz	6.4 dB/100ft
750 MHz	6.5 dB/100ft
1000 MHz	7.6 dB/100ft
1500 MHz	9.4 dB/100ft
2500 MHz	12.4 dB/100ft
3000 MHz	13.8 dB/100ft

Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
10 Ohm/1000ft (33 Ohm/km)	3.8 Ohm/1000ft (12 Ohm/km)	16.2 pF/ft (53.1 pF/m)	75 Ohm	83%

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-35°C To +75°C

Max. Pull Tension:	432 lbs (196 kg)
Bulk Cable Weight:	208 lbs/1000ft (310 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor
Flammability / Reaction to Fire:	UL1666 Vertical Shaft
NEC / UL Compliance:	CMR
CEC / C(UL) Compliance:	CMG.
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	US PATENT 7049523
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History

Update and Revision:	Revision Number: 0.355 Revision Date: 07-30-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1505S6 000500	None	Reel	500 ft	612825356424	C
1505S6 0001000	None	Reel	1,000 ft	612825356431	C

Footnote:	C - CRATE REEL PUT-UP.
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