


Product: [1398S5](#) 

RGB Video, Banana Peel 5 25 AWG Coax, CMP



Product Description

Mini-Hi Res RGB Video Cable , 5 25 AWG solid tinned copper coax, foam FEP insulation, Beldfoil®; 95% tinned copper serve, inner Flamarrest® jackets, CMP rated.

Technical Specifications

Product Overview

Suitable Applications:	Video
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Physical Characteristics (Overall)

Conductor

AWG	Material	Nominal Diameter	No. of Coax
25	TC - Tinned Copper	0.018 in	5

Conductor Count:	5
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Insulation

Material	Nominal Diameter
FEP - Fluorinated Ethylene Propylene (Foam)	0.074 in

Table Notes:	Gas Injected
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Color Chart 3

Number	Color
1	Gray #1
2	Gray #2
3	Gray #3
4	Gray #4
5	Gray #5

Inner Shield

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

Inner Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.105 in

Outer Jacket

Material	Nominal Diameter
Banana Peel (No Overall Jacket)	0.275 in

Construction and Dimensions

Cabling

Filler

Bonded Spline

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Inner Shield DCR	Outer Conductor DCR
34 Ohm/1000ft	5.4 Ohm/1000ft	5.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Shield
17 pF/ft

Impedance

Nominal Characteristic Impedance
75 Ohm

Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5-1000 MHz	15 dB

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.52 dB/100ft
5 MHz	1.17 dB/100ft
50 MHz	3.7 dB/100ft
100 MHz	4.9 dB/100ft
200 MHz	6.7 dB/100ft
400 MHz	9.5 dB/100ft
750 MHz	13.4 dB/100ft
900 MHz	15 dB/100ft
1000 MHz	15.8 dB/100ft
3000 MHz	31.2 dB/100ft

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.27 ns/ft	80%

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	0°C To +60°C
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Mechanical Characteristics

Bulk Cable Weight:	40 lbs/1000ft
Max. Pull Tension:	20 lbs
Min Bend Radius (Overall):	2.8 in
Min Bend Radius (Each Coax):	1.1 in

Standards

NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP
RG Type:	Sub-miniature 59

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Plenum
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