

Product: [1395P](#)

RGB Video, Mini Hi-Res, 25 AWG 5 Coax Solid TC, CMP



Product Description

RGB Video Cable, 5 coax, 25 AWG solid tinned copper, foam FEP insulation, Duofoil® shield+95% tinned copper serve, inner Flamarrest® jackets, CMP overall Flamarrest®jacket.

Technical Specifications

Product Overview

Suitable Applications:	Video
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Physical Characteristics (Overall)

Conductor

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

Conductor Count:	5
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Insulation

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.074 in

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 Shield

Material
Tri-Laminate (Alum+Poly+Alum)

Outer Jacket

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.320 in	Yes

Electrical Characteristics

Conductor DCR

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

Capacitance

Nom. Capacitance Conductor to Shield
16.8 pF/ft

Impedance

Nominal Characteristic Impedance

75 Ohm

Return Loss

Frequency [MHz]	Minimum Return (RL)
5 - 850 MHz	15 dB

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.4 dB/100ft
5 MHz	0.9 dB/100ft
50 MHz	3.7 dB/100ft
100 MHz	5 dB/100ft
200 MHz	7 dB/100ft
400 MHz	10 dB/100ft
750 MHz	14.5 dB/100ft
1000 MHz	17 dB/100ft
2250 MHz	17.5 dB/100ft
3000 MHz	37 dB/100ft

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.25 ns/ft	81%

Voltage

UL Voltage Rating
300 V RMS

Electrical Characteristics Notes: Return Loss: Fixed Bridge and Termination

Temperature Range

Non-UL Temp Rating:	75°C
UL Temperature Rating:	60°C
Operating Temperature Range:	0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	45 lbs/1000ft
Maximum Recommended Pulling Tension:	61 lbs
Min Bend Radius (Overall):	3.2 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 2003/96/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)
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Related Part Numbers

Non-Plenum Number:	1395R
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Variants

Item #	Color	Put-Up Type	Length	UPC
1395P 010250	Black	Reel	250 ft	612825114406
1395P 010U250	Black	UnReel	250 ft	612825114383
1395P 010500	Black	Reel	500 ft	612825114413
1395P 0101000	Black	Reel	1,000 ft	612825114390
1395P 008250	Gray	Reel	250 ft	612825114369
1395P 008500	Gray	Reel	500 ft	612825114376
1395P 0081000	Gray	Reel	1,000 ft	612825114352

Product Notes

Notes:	Rip cord under jacket
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History

Update and Revision:	Revision Number: 0.380 Revision Date: 05-31-2024
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