Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Part Number: 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

Environmental Space:	Indoor - Plenum
Suitable Applications:	Video

Physical Characteristics (Overall)

Conductor

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

Conductor Count:	5
Conductor Size:	25 AWG

Insulation

Material	Nominal Diameter
FPE - Foamed Polyethylene	0.074 in

Inner Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Aluminum Foil-Polyester Tape-Aluminum Foil	Duofoil®	100 %
Serve	2	TC - Tinned Copper		95 %

Inner Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.105 in

Outer Shield Material

Material
Aluminum/Polyester/Aluminum

Outer Jacket Material

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

Shielding:	Multiple or Specialty

Impedance

Nominal Characteristic Impedance
75 Ohm

Return Loss (RL)

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	81.0 %

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 Temp Rating:	60°C
Operating Temp Range:	0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	45 lbs/1000ft
Max Recommended Pulling Tension:	61 lbs
Min Bend Radius (Overall):	3.2 in
Min Bend Radius (Each Coax):	1.1 in

Standards

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
RG Type:	Sub-miniature 59/U Type
RG / Series Type:	Sub-miniature 59/U Type

Applicable Environmental and Other Programs

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 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 RoHS Compliance Date (yyyy-mm-dd):	2012-06-28
CA Prop 65 (CJ for Wire & Cable):	Yes
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

Part Number

Non-Plenum Number:	1395R

Variants

Item #	Color
1395P 0101000	Black
1395P 010250	Black
1395P 010500	Black
1395P 010U250	Black
1395P 0081000	Gray
1395P 008250	Gray
1395P 008500	Gray