



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**Part Number: 1395R**

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



## Product Description

RGB Video Cable, 5 coax, 25 AWG solid tinned copper, foam polyethylene insulation, Beldfoil® shield+95% tinned copper serve, inner PVC jackets, CMR overall PVC jacket.

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Riser
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
Gas-injected FHDPE - Foam High Density Polyethylene	0.074 in

#### Color Chart

Number	Color
1	Red
2	Green
3	Blue
4	Yellow
5	Black

#### 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	0.109 in

#### Outer Jacket Material

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.345 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

17 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 0.52 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) [%]

1.22 ns/ft 83.0 %

## 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: -30°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight: 44 lbs/1000ft

Max Recommended Pulling Tension: 61 lbs

Min Bend Radius (Overall): 3.5 in

Min Bend Radius (Each Coax): 1.1 in

## Standards

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMR

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 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: No

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, LSOH, Toxicity Testing

UL Flammability:	UL1666 Vertical Shaft
IEEE Flammability:	1202
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	1395P

## Part Number

### Variants

Item #	Color
1395R B591000	Black, Matte
1395R B59250	Black, Matte
1395R B59500	Black, Matte

© 2018 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.