

**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

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