

## 1394R Coax - RGB Component Video Cable



For more Information  
please call

1-800-Belden1

**General Description:**

RGB Video Cable, Riser-CMR, 4-25 AWG solid bare copper, foam polyethylene insulation, Beldfoil®+95% tinned copper interlocked serve, inner PVC jackets, PVC jacket

**Usage (Overall)**

Suitable Applications: Video

**Physical Characteristics (Overall)****Conductor**

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
4	25	Solid	BC - BareCopper	0.457

Total Number of Conductors: 4

**Insulation**

Insulation Material:

Insulation Material	Dia. (mm)
Gas-injected FHDPE - Foam High Density Polyethylene	1.880

**Inner Shield**

Inner Shield Material:

Layer #	Type	Inner Shield Material	Coverage (%)
1	Tape	Aluminum Foil-Polyester	100.000
2	Serve	TC - Tinned Copper	95.000

**Inner Jacket**

Inner Jacket Material:

Inner Jacket Material
PVC - Polyvinyl Chloride

Inner Jacket Color Code Chart:

Number	Color
1	Red
2	Green
3	Blue
4	Yellow

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 8.001 mm

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -40°C To +75°C

UL Temperature Rating: 60°C

## 1394R Coax - RGB Component Video Cable

Non-UL Temperature Rating:	75°C
Bulk Cable Weight:	81.851 Kg/Km
Max. Recommended Pulling Tension:	489.302 N
Min. Bend Radius (Each Coax):	27.940 mm
Min. Bend Radius (Overall):	76.200 mm

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMR
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	No
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	06/28/2012
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flame Test

UL Flame Test:	UL1666 Vertical Shaft
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

## Suitability

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	1394P

## Electrical Characteristics (Overall)

## Nom. Characteristic Impedance:

Impedance (Ohm)
75

## Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
55.777

## Nominal Velocity of Propagation:

VP (%)
80

## Nominal Delay:

Delay (ns/m)
16.405

## Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1.000	1.312
5.000	2.953
50.000	12.140
100.000	16.405
200.000	22.967
400.000	32.810

## METRIC MEASUREMENT VERSION

## 1394R Coax - RGB Component Video Cable

750.000	47.575
900.000	55.777
1000.000	57.418
3000.000	121.397

## Max. Operating Voltage - UL:

Voltage
300 V RMS

## Max. Operating Voltage - Non-UL:

Voltage
300 V RMS

## Minimum Return Loss:

Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
5.000	850.000	15.000

## Sweep Test

Sweep Testing: 5 - 1000 MHz

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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