



For more Information  
please call

1-800-Belden1



### General Description:

RGB Video Cable, Plenum-CMP, 6-25 AWG solid bare copper, foam FEP insulation, Beldfoil®+95% tinned copper interlocked serve, inner Flamarrest® jackets, Flamarrest®jacket

### Usage (Overall)

Suitable Applications: Video

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
6	25	Solid	BC - Bare Copper	0.457

Total Number of Conductors: 6

#### Insulation

Insulation Material:

Insulation Material	Dia. (mm)
FFEP - Foam FEP	1.880

#### Inner Shield

Inner Shield Material:

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

#### Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (mm)
Plenum Grade PVC - Polyvinyl Chloride	2.591

Inner Jacket Color Code Chart:

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

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
Plenum Grade PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

### Overall Cable

Overall Nominal Diameter: 8.534 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

UL Temperature Rating: 60°C

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 104.174 Kg/Km

Max. Recommended Pulling Tension: 729.505 N

Min. Bend Radius (Each Coax): 27.940 mm

Min. Bend Radius (Overall): 88.900 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
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:	NFPA 262, UL910 Plenum
C(UL) Flame Test:	FT6

### Suitability

Suitability - Indoor:	Yes
-----------------------	-----

### Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	1396R

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

**Impedance (Ohm)**  
75

### Nom. Capacitance Conductor to Shield:

**Capacitance (pF/m)**  
55.777

### Nominal Velocity of Propagation:

**VP (%)**  
80.000

### 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
750.000	47.575
1000.000	55.777
2250.000	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

## METRIC MEASUREMENT VERSION

## 1396P Coax - RGB Component Video Cable

Sweep Testing:

5 - 1000 MHz

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1396P 0081000	1,000 FT	59.000 LB	GRAY		6X #25 RGB COAX CMP OA JKT
1396P 008500	500 FT	31.500 LB	GRAY		6X #25 RGB COAX CMP OA JKT

Revision Number: 1    Revision Date: 03-11-2013

© 2017 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 herein 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 "AS IS" 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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.