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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!



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1396P Coax - RGB Component Video Cable



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. (in.)
6	25	Solid	BC - Bare Copper	0.018

Total Number of Conductors: 6

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FFEP - Foam FEP	0.074

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. (in.)
Plenum Grade PVC - Polyvinyl Chloride	0.102

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: 0.336 in.

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: 70 lbs/1000 ft.

Max. Recommended Pulling Tension: 164 lbs.

Min. Bend Radius (Each Coax): 1.100 in.

Min. Bend Radius (Overall): 3.500 in.

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
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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/ft)
17.000

Nominal Velocity of Propagation:

VP (%)
80.000

Nominal Delay:

Delay (ns/ft)
5.000

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.400
5.000	0.900
50.000	3.700
100.000	5.000
200.000	7.000
400.000	10.000
750.000	14.500
1000.000	17.000
2250.000	17.500
3000.000	37.000

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

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

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