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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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## General Description:

RGB Video Cable, Plenum-CMP, 3-25 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)
3	25	Solid	BC - Bare Copper	0.457

Total Number of Conductors: 3

### Insulation

Insulation Material:

Insulation Material	Dia. (mm)
FPFA - Foam Perfluoroalkoxy	1.880

### Inner Shield

Inner Shield Material:

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

### Inner Jacket

Inner Jacket Material:

Inner Jacket Trade Name	Inner Jacket Material	Nom. Dia. (mm)
Flamarrest(R)	PVC - Polyvinylchloride	2.591

Inner Jacket Color Code Chart:

Number	Color
1	Red
2	Green
3	Blue

### Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Flamarrest(R)	PVC - Polyvinyl Chloride

### Overall Cable

Overall Nominal Diameter: 6.325 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +60°C

Bulk Cable Weight: 56.552 Kg/Km

Max. Recommended Pulling Tension: 88.964 N

Min. Bend Radius (Each Coax): 31.750 mm

Min. Bend Radius (Overall): 63.500 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 Directive 2000/53/EC (ELV): Yes

## 1393P Coax - RGB Component Video Cable

EU Directive 2002/95/EC (RoHS):	Yes
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 Plenum Flame Test (UL910)(FT6)
CSA Flame Test:	FT6

### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

### Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	1393R

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

75

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

55.1208

### Nominal Velocity of Propagation:

VP (%)

81

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

111.554

### Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/km)

17.7174

### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Minimum Return Loss:

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

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1393P 0081000	1,000 FT	31.000 LB	GRAY		3X #25 RGB COAX CMP OA JKT
1393P 008500	500 FT	16.500 LB	GRAY		3X #25 RGB COAX CMP OA JKT

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