Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1398S5 Coax - RGB Video Cable

For more Information please call

1-800-Belden1



General Description:

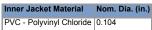
Video Cable, Plenum-CMP, 5-25 AWG solid bare copper, foam FEP insulation, Beldfoil®+95% tinned copper interlocked serve, inner Flamarrest® jackets, Flamarrest® jacket

Usage (Overall) Suitable Applications: Video **Physical Characteristics (Overall)** Conductor AWG: # Coax AWG Stranding Conductor Material Dia. (in.) TC - Tinned Copper | 0.018 **Total Number of Conductors:** 5 Insulation Insulation Material: **Insulation Material** Gas-injected FEP - Foam FEP | 0.074 Inner Shield Material:

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

Inner Jacket

Inner Jacket Material:



Inner Jacket Color Code Chart:

Number	Color
1	Gray #1
2	Gray #2
3	Gray #3
4	Gray #4
5	Gray #5

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:



Overall Cabling Fillers:

Min. Bend Radius (Overall):

Overall Cable

	Overall Nominal Diameter:	0.275 in.
Me	chanical Characteristics (Overall)	
	Operating Temperature Range:	0°C To +60°C
	Bulk Cable Weight:	46 lbs/1000 ft.
	Max. Recommended Pulling Tension:	20 lbs.
	Min. Bend Radius (Each Coax):	1.250 in.

Bonded Spline

3 in

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pliance (Overall)
CMP
CMP
Yes
NFPA 262 Plenum Flame Test (UL910)(FT6)
Yes
Yes
1397S5

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft) 17.0

Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 5.4

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.52
5	1.17
50	3.7
100	4.9
200	6.7
400	9.5
750	13.4
900	15.0
1000	15.8
3000	31.2

Max. Operating Voltage - UL:

Voltage 300 V RMS

Minimum Return Loss:

Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
1.000	1000.000	15.000

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1398S5 0081000	1,000 FT	51.000 LB	GRAY		5X #25RGB COAX CMP BANANA PEEL
1398S5 008250	250 FT	14.750 LB	GRAY		5X #25RGB COAX CMP BANANA PEEL

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1398S5 Coax - RGB Video Cable

1398S5 008500	500 FT	27.000 LB	GRAY	5X #25RGB COAX CMP BANANA PEEL

Revision Number: 2 Revision Date: 03-11-2013

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