

1356P Coax - System Integrators Video Coax RG6 Type CMP



For more Information
please call

1-800-Belden1



Description:

18 AWG solid .040" bare copper conductor, gas-injected foam FEP insulation, bonded Duofoil® + tinned copper braid shield (85% coverage), Flam arrest jacket.

Usage (Overall)

Suitable Applications: SDI Video, Hi-Def Surveillance Cameras, Compression Connectors, Plasma and LCD Screens, Projectors, White Boards, Video Display, FT4

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	Solid	BC - Bare Copper	0.040

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FFEP	0.168

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Bonded Duofoil®	Tape	EAA/Aluminum/Polyester/Aluminum	100.000
2		Braid	TC - Tinned Copper	85.000

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
Flam arrest®

Overall Cable

Overall Nominal Diameter: 0.230 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 37 lbs/1000 ft.

Max. Recommended Pulling Tension: 20 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMG

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

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EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/21/2008
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
RG Type:	6/U

Flame Test

UL Flame Test:	UL910 Plenum, UL910 Steiner Tunnel
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Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	1356R

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
75

Nom. Inductance:

Inductance (µH/ft)
0.107

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
16.400

Nominal Velocity of Propagation:

VP (%)
84.000

Nominal Delay:

Delay (ns/ft)
1.22

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.0

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.400

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.264
3.600	0.495
5.000	0.605
7.000	0.715
10.000	1.862
67.500	1.905
71.500	2.076
88.500	2.247
100.000	2.205
135.000	2.520
143.000	2.625
180.000	2.940
270.000	3.570

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360.000	4.200
540.000	5.460
720.000	6.720
750.000	6.510
1000.000	7.665
1500.000	9.660
2000.000	11.445
2250.000	12.180
3000.000	14.385

Max. Operating Voltage - UL:

Voltage
300 V RMS

Other Electrical Characteristic 1: Impedance tested in accordance with ASTM D-4566 paragraph 43.2, option 2 using a 75 Ohm fixed bridge and termination. 75 +/- 1.5 Ohms

Other Electrical Characteristic 2: Return Loss tested in accordance with ASTM D-4566 paragraph 45.3, using a 75 Ohm fixed bridge and termination.

Minimum Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		5	3000	15

Sweep Test

Sweep Testing: Sweep tested 5 MHz to 3.0 GHz.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1356P 002U1000	1,000 FT	36.000 LB	RED		#18 FFEP SH FLRST
1356P 005U1000	1,000 FT	36.000 LB	GREEN, DARK		#18 FFEP SH FLRST
1356P 006U1000	1,000 FT	36.000 LB	BLUE, LIGHT		#18 FFEP SH FLRST
1356P 009U1000	1,000 FT	36.000 LB	WHITE		#18 FFEP SH FLRST

Revision Number: 2 Revision Date: 04-14-2010

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