

1370R Coax - System Integrators Video Cable



For more Information
please call

1-800-Belden1



General Description:

Video Cable, Riser-CMR, RG59, 20 AWG solid bare copper, foam polyethylene insulation, Duofoil®+85% tinned copper braid, PVC jacket

Usage (Overall)

Suitable Applications: Commercial Video

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	20	Solid	BC - Bare Copper	.032

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethylene	0.136

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.202 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	22 lbs/1000 ft.
Max. Recommended Pulling Tension:	57 lbs.
Min. Bend Radius/Minor Axis:	2 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMR
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	11/21/2011
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes

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MII Order #39 (China RoHS): Yes

RG Type: 59/U

Flame Test

UL Flame Test: UL1666 Vertical Shaft

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: No

Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 1370P

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

75

Nom. Inductance:

Inductance (µH/ft)

0.107

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

16.600

Nominal Velocity of Propagation:

VP (%)

84.000

Nominal Delay:

Delay (ns/ft)

1.210

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.100

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.100

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.300
3.600	0.600
5.000	0.630
6.000	0.690
7.000	0.740
10.000	0.900
12.000	0.910
25.000	1.300
67.500	2.050
71.500	2.100
88.500	2.200
100.000	2.300
135.000	2.700
143.000	2.800
180.000	3.100
270.000	3.800
360.000	4.400
540.000	5.500
720.000	6.400
750.000	6.500
1000.000	7.600
1500.000	9.300
2000.000	10.900
2250.000	11.600
3000.000	13.400

Max. Operating Voltage - UL:

Voltage

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300 V RMS

Other Electrical Characteristic 1:

Impedance tested in accordance with ASTM D-4566 paragraph 48.2, 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 50.3, using a 75 Ohm fixed bridge and termination.

Minimum Return Loss:

Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
5.000	3000.000	15.000

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1370R N3U1000	1,000 FT	24.000 LB	GREEN, MIL		#20 PE/GIFHOLDPE SH PVC
1370R N3U500	500 FT	12.500 LB	GREEN, MIL		#20 PE/GIFHOLDPE SH PVC
1370R 0011000	1,000 FT	24.000 LB	BROWN		#20 PE/GIFHOLDPE SH PVC
1370R 001500	500 FT	12.500 LB	BROWN		#20 PE/GIFHOLDPE SH PVC
1370R 0021000	1,000 FT	24.000 LB	RED		#20 PE/GIFHOLDPE SH PVC
1370R 002500	500 FT	12.500 LB	RED		#20 PE/GIFHOLDPE SH PVC
1370R 0031000	1,000 FT	24.000 LB	ORANGE		#20 PE/GIFHOLDPE SH PVC
1370R 003500	500 FT	12.500 LB	ORANGE		#20 PE/GIFHOLDPE SH PVC
1370R 0041000	1,000 FT	24.000 LB	YELLOW		#20 PE/GIFHOLDPE SH PVC
1370R 004500	500 FT	12.500 LB	YELLOW		#20 PE/GIFHOLDPE SH PVC
1370R 0061000	1,000 FT	24.000 LB	BLUE, LIGHT		#20 PE/GIFHOLDPE SH PVC
1370R 006500	500 FT	12.500 LB	BLUE, LIGHT		#20 PE/GIFHOLDPE SH PVC
1370R 0071000	1,000 FT	24.000 LB	VIOLET		#20 PE/GIFHOLDPE SH PVC
1370R 007500	500 FT	12.500 LB	VIOLET		#20 PE/GIFHOLDPE SH PVC
1370R 0081000	1,000 FT	24.000 LB	GRAY		#20 PE/GIFHOLDPE SH PVC
1370R 008500	500 FT	12.500 LB	GRAY		#20 PE/GIFHOLDPE SH PVC
1370R 0091000	1,000 FT	24.000 LB	WHITE		#20 PE/GIFHOLDPE SH PVC
1370R 009500	500 FT	12.500 LB	WHITE		#20 PE/GIFHOLDPE SH PVC
1370R 0101000	1,000 FT	24.000 LB	BLACK		#20 PE/GIFHOLDPE SH PVC
1370R 010500	500 FT	12.500 LB	BLACK		#20 PE/GIFHOLDPE SH PVC

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