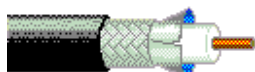


1371R Coax - System Integrators Video Cable



For more Information
please call

1-800-Belden1



General Description:

Video Cable, Riser-CMR, sub-miniature RG59, 23 AWG solid bare copper, foam polyethylene insulation, Duofoil®+85% aluminum braid, PVC jacket

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	23	Solid	BC - Bare Copper	0.5842

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
Gas-injected FHDPE - Foam High Density Polyethylene	2.5908

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: 4.064 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 23.067 Kg/Km

Max. Recommended Pulling Tension: 160.135 N

Min. Bend Radius/Minor Axis: 38.100 mm

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

MII Order #39 (China RoHS): Yes

RG Type: Sub-miniature 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: 1371P

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

75

Nom. Inductance:

Inductance (µH/m)

0.348

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

53.4803

Nominal Velocity of Propagation:

VP (%)

82

Nominal Delay:

Delay (ns/m)

4.068

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

65.9481

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

15.093

Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100m)

1.000	1.280
3.580	2.559
5.000	3.019
6.000	3.281
7.000	3.543
10.000	3.937
12.000	4.265
25.000	5.906
67.500	9.285
71.500	10.040
88.500	10.368
100.000	10.926
135.000	12.501

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143.000	12.862
180.000	14.371
270.000	17.717
360.000	20.342
540.000	25.264
720.000	31.071
750.000	31.465
1000.000	34.451
1500.000	42.653
2000.000	49.543
2250.000	52.496
3000.000	60.699

Max. Operating Voltage - UL:

Voltage
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
1371R 0091000	1,000 FT	17.000 LB	WHITE		#23 PE/GIFHDLDPPE SH PVC
1371R 009500	500 FT	9.000 LB	WHITE		#23 PE/GIFHDLDPPE SH PVC
1371R 0101000	1,000 FT	17.000 LB	BLACK		#23 PE/GIFHDLDPPE SH PVC

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