Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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!

Contact us

Product Description

Video Cable, miniature RG59 Type, 23 AWG solid bare copper, foam FEP insulation, Bonded Duofoil®+85% tinned copper braid, CMP Flamarrest® jacket.

Technical Specifications

Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	Commercial Video

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
23	Solid	BC - Bare Copper	0.023 in	1

Conductor Count:	1
Conductor Size:	23 AWG

Insulation

Material	Nominal Diameter
FFEP - Foam Fluorinated Ethylene Propylene	0.102 in

Outer Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Aluminum/Polyester/Aluminum	Duobond® II	100 %
Braid	2	TC - Tinned Copper		85 %

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter
PVC - Polyvinyl Chloride	Flamarrest®	0.16 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR	Outer Conductor DCR
20.1 Ohm/1000ft	4.6 Ohm/1000ft	4.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Shield
16.6 pF/ft

Shielding:	Multiple or Specialty

Inductance

Nominal Inductance
0.106 µH/ft

Impedance

Nominal Characteristic Impedance
75 Ohm

Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5 - 3000 MHz	15 dB

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.38 dB/100ft
3.6 MHz	0.76 dB/100ft
10 MHz	1.3 dB/100ft
71.5 MHz	3.1 dB/100ft
135 MHz	4.1 dB/100ft
270 MHz	5.8 dB/100ft
360 MHz	6.9 dB/100ft
540 MHz	8.7 dB/100ft
720 MHz	10.3 dB/100ft
750 MHz	10.5 dB/100ft
1000 MHz	12.4 dB/100ft
1500 MHz	15.7 dB/100ft
2250 MHz	19.9 dB/100ft
3000 MHz	23.8 dB/100ft

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.27 ns/ft	80 %

High Freq

Min. RL (Return Loss) [dB]
15 dB

Voltage

UL Voltage Rating
300 V RMS

Electrical Characteristics Notes:	Return Loss: Fixed bridge and termination

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	19 lbs/1000ft
Max Recommended Pulling Tension:	29 lbs
Min Bend Radius/Minor Axis:	1.6 in

Standards

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
RG Type:	Mini 59/U Type
RG / Series Type:	Mini 59/U Type

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU RoHS Compliance Date (yyyy-mm-dd):	2011-11-21
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes

Suitability - Outdoor:	No

Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes

Part Number

Non-Plenum Number:	1371R

Variants

Item #	Color
1371P 0101000	Black
1371P 010500	Black
1371P 0061000	Blue, Light
1371P 006500	Blue, Light
1371P 0011000	Brown
1371P 001500	Brown
1371P 0081000	Gray
1371P 008500	Gray
1371P N3U1000	Green, Mil
1371P N3U500	Green, Mil
1371P 0031000	Orange
1371P 003500	Orange
1371P 0021000	Red
1371P 002500	Red
1371P 0071000	Violet
1371P 007500	Violet
1371P 0091000	White
1371P 009500	White
1371P 0041000	Yellow
1371P 004500	Yellow