



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!



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General Description:

Surveillance, CCTV & Card Reader Cable, RG62, Plenum-CMP, 22 AWG solid bare copper-covered steel, foamed polyolefin core, 95% bare copper braid, Flamarrest® jacket

Usage (Overall)

Suitable Applications: CCTV

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	22	Solid	BCCS - Bare Copper Covered Steel	.025

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FFEP - Foam Fluorinated Ethylene Propylene	.146

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.204 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 35 lbs/1000 ft.

Max. Recommended Pulling Tension: 65 lbs.

Min. Bend Radius/Minor Axis: 2.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

NEC Articles: 800

CEC/C(UL) Specification: CMP

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): 04/01/2005

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:	62/U
Flame Test	
UL Flame Test:	NFPA 262
C(UL) Flame Test:	FT6
Plenum/Non-Plenum	
Plenum (Y/N):	Yes

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
93

Nom. Inductance:

Inductance (µH/ft)
.107

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
13.5

Nominal Velocity of Propagation:

VP (%)
84

Nominal Delay:

Delay (ns/ft)
1.21

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
41.2

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
3.4

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.3
10	.9
50	1.9
100	2.7
200	3.8
400	5.3
700	7.3
900	8.2
1000	8.7

Max. Operating Voltage - UL:

Voltage
300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6539Y8 8771000	1,000 FT	33.000 LB	NATURAL		#22 RG62/U COAX FLRST

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