

For more Information
please call

1-800-Belden1



General Description:

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

Usage (Overall)

Suitable Applications: CCTV

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	22	Solid	BCCS - Bare Copper Covered Steel	0.635

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
FFEP - Foam Fluorinated Ethylene Propylene	3.7084

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
Flam arrest®	LS PVC - Low Smoke Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 5.182 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 52.087 Kg/Km

Max. Recommended Pulling Tension: 289.133 N

Min. Bend Radius/Minor Axis: 57.150 mm

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
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
93

Nom. Inductance:

Inductance (µH/m)
0.351067

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
44.2935

Nominal Velocity of Propagation:

VP (%)
84

Nominal Delay:

Delay (ns/m)
3.97001

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
135.177

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
11.1554

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1	0.9843
10	2.9529
50	6.2339
100	8.8587
200	12.4678
400	17.3893
700	23.9513
900	26.9042
1000	28.5447

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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