

6539Y8 Coax - CCTV Applications

For more Information
please call

1-800-Belden1

**Description:**

22 AWG bare copper-covered steel conductor, foam FEP insulation, bare copper braid shield, Flamarrest® jacket, sequential footage marking every two feet.

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 (Install)/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 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
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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RG Type:	62/U
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Flame Test

UL Flame Test:	NFPA 262
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C(UL) Flame Test:	FT6
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
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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.)
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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

Related Documents:

No related documents are available for this product

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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