

## 513945 Coax - Surveillance and CCTV Applications

For more Information  
please call

1-800-Belden1

**Description:**

14 AWG bare copper conductor, foam polyethylene insulation, bare copper braid shield, sequential footage marking every two feet.

**Usage (Overall)**

Suitable Applications: Analog Video/CCTV Coax

**Physical Characteristics (Overall)****Conductor**

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	14	Solid	BC - Bare Copper	.064

**Insulation**

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FPE - Foam Polyethylene	.280

**Outer Shield**

Outer Shield Material:

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

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

**Overall Cable**

Overall Nominal Diameter: 0.405 in.

**Mechanical Characteristics (Overall)**

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 82 lbs/1000 ft.

Max. Recommended Pulling Tension: 144 lbs.

Min. Bend Radius (Install)/Minor Axis: 4 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CM

NEC Articles: 800

CEC/C(UL) Specification: CM

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

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EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

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: 11/U

Series Type: Series 11

### Flame Test

C(UL) Flame Test: FT1

### Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes - Black Only

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

75

### Nom. Inductance:

Inductance (μH/ft)

.106

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

16.1

### Nominal Velocity of Propagation:

VP (%)

84

### Nominal Delay:

Delay (ns/ft)

1.21

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.6

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.2

### Nom. Attenuation:

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

1 .17

10 .35

50 .90

100 1.3

200 1.9

400 2.9

700 4.1

900 4.8

1000 5.2

### Max. Operating Voltage - UL:

Voltage

## 513945 Coax - Surveillance and CCTV Applications

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
513945 0101000	1,000 FT	98.000 LB	BLACK	C	RG-11/U TYPE 75 OHM COAX

**Notes:**

C = CRATE REEL PUT-UP.

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