

## 613948 Coax - CCTV Applications

For more Information  
please call

1-800-Belden1

**Description:**

14 AWG bare copper conductor, foam FEP insulation, bare copper braid shield, Flammarrest® 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	14	Solid	BC - Bare Copper	.064

**Insulation**

Insulation Material:

Insulation Material	Dia. (in.)
FFEP - Foam Fluorinated Ethylene Propylene	.274

**Outer Shield**

Outer Shield Material:

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

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material
PVDF - Fluorocopolymer

**Overall Cable**

Overall Nominal Diameter: 0.348 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +125°C
UL Temperature Rating:	125°C
Bulk Cable Weight:	81 lbs/1000 ft.
Max. Recommended Pulling Tension:	144 lbs.
Min. Bend Radius (Install)/Minor Axis:	3.500 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:	11/U
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Series Type:	Series 11
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## Flame Test

UL Flame Test:	NFPA 262
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C(UL) Flame Test:	FT6
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## Suitability

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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## Plenum/Non-Plenum

Plenum (Y/N):	Yes
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## 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	.40
50	.95
100	1.4
200	2.1
400	3.4
700	5.0
900	6.0
1000	6.5

### 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
613948 0091000	1,000 FT	90.000 LB	WHITE	C	RG-11/U PLENUM COAX

**Notes:**

C = CRATE REEL PUT-UP.

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