

513945 Coax - Surveillance and CCTV Applications

For more Information
please call

1-800-Belden1

**General Description:**

Surveillance & CCTV Cable, RG11, Rated-CM, 14 AWG solid bare copper, foamed polyolefin core, 95% bare copper braid, PVC jacket

Usage (Overall)

Suitable Applications: Analog Video/CCTV Coax

Physical Characteristics (Overall)**Conductor**

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	14	Solid	BC - Bare Copper	1.6256

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
Gas-injected FPE - Foam Polyethylene	7.112

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: 10.287 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	122.032 Kg/Km
Max. Recommended Pulling Tension:	640.541 N
Min. Bend Radius/Minor Axis:	101.600 mm

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

NEC/(UL) Specification:	CM
NEC Articles:	800
CEC/C(UL) Specification:	CM
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes

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

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes - Black Only

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
75

Nom. Inductance:

Inductance (μH/m)
0.347786

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
52.8241

Nominal Velocity of Propagation:

VP (%)
84

Nominal Delay:

Delay (ns/m)
3.97001

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
8.5306

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
3.9372

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1	0.55777
10	1.14835
50	2.9529
100	4.2653
200	6.2339
400	9.5149
700	13.4521
900	15.7488
1000	17.0612

Max. Operating Voltage - UL:

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Voltage

300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
513945 0101000	1,000 FT	94.000 LB	BLACK	C	RG-11/U TYPE 75 OHM COAX

Notes:

C = CRATE REEL PUT-UP.

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