

**Product: [513945](#)**


Surveillance CCTV, RG-11 #14 BC, 95% BC Braid, CM

**Product Description**

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

**Technical Specifications**
**Product Overview**

|                        |                           |
|------------------------|---------------------------|
| Suitable Applications: | Surveillance, CCTV Camera |
|------------------------|---------------------------|

**Construction Details**

|              |    |
|--------------|----|
| RG Type:     | 11 |
| Series Type: | 11 |

**Conductor**

| Element  | No. of Elements | Size   | Stranding | Nom. Diameter | Material         |
|----------|-----------------|--------|-----------|---------------|------------------|
| Coax(es) | 1               | 14 AWG | Solid     | 0.0645 in     | BC - Bare Copper |

**Insulation**

| Element  | Material                 | Nom. Insulation Diameter |
|----------|--------------------------|--------------------------|
| Coax(es) | PE - Polyethylene (Foam) | 0.280 in (7.11 mm)       |

Insulation Table Notes: Gas Injected

**Outer Shield**

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

**Outer Jacket**

| Material                 | Nom. Diameter      |
|--------------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.405 in (10.3 mm) |

**Electrical Characteristics**
**Attenuation**

| Frequency | Nom. Attenuation |
|-----------|------------------|
| 1 MHz     | 0.17 dB/100ft    |
| 10 MHz    | 0.35 dB/100ft    |
| 50 MHz    | 0.9 dB/100ft     |
| 100 MHz   | 1.3 dB/100ft     |
| 200 MHz   | 1.9 dB/100ft     |
| 400 MHz   | 2.9 dB/100ft     |
| 700 MHz   | 4.1 dB/100ft     |
| 900 MHz   | 4.8 dB/100ft     |
| 1000 MHz  | 5.2 dB/100ft     |

**Electricals**

| Nom. Conductor DCR | Nom. Outer Shield DCR       | Nom. Capacitance Cond-to-Shield | Nom. Characteristic Impedance | Nom. Velocity of Prop. |
|--------------------|-----------------------------|---------------------------------|-------------------------------|------------------------|
| 2.62 Ohm/1000ft    | 1.2 Ohm/1000ft (3.9 Ohm/km) | 16.1 pF/ft (52.8 pF/m)          | 75 Ohm                        | 84%                    |

## Voltage

| UL Voltage Rating |
|-------------------|
| 600 V             |

## Mechanical Characteristics

### Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 75°C           | -30°C To +75°C |

### Bend Radius

| Stationary Min.  | Installation Min. |
|------------------|-------------------|
| 4.05 in (103 mm) | 4.05 in (103 mm)  |

|                    |                           |
|--------------------|---------------------------|
| Max. Pull Tension: | 144 lbs (65.3 kg)         |
| Bulk Cable Weight: | 86 lbs/1000ft (130 kg/km) |

## Standards and Compliance

|                                  |  |
|----------------------------------|--|
| Environmental Suitability:       | Indoor, Sunlight Resistance - Black only                                     |
| Flammability / Reaction to Fire: | FT1, IEC 60332-1-2   |
| CPR Compliance:                  | CPR Euroclass: Eca   |
| NEC / UL Compliance:             | Article 725, Article 800, CL2, CM  |
| CEC / C(UL) Compliance:          | CM   |
| European Directive Compliance:   | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance:        | UKCA Mark  |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)  |
| Plenum Number:                   | 613948   |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.509 Revision Date: 09-07-2025 |
|----------------------|--|

## Part Numbers

### Variants

| Item #         | Color | Putup Type | Length   | UPC/EAN       | Footnote |
|----------------|-------|------------|----------|---------------|----------|
| 513945.00305   | Black | Reel       | 305 m    | 8719605007858 |          |
| 513945.00500   | Black | Reel       | 500 m    | 8719605007865 |          |
| 513945.K0500   | Black | Reel       | 500 m    | 8719605007872 |          |
| 513945 0101000 | Black | Reel       | 1,000 ft | 612825157137  | C        |

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

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