



**Model : CA002RG6  
CA002RG59  
CA002RG25  
CA002RG11**

BNC Connector RG6/RG59/RG62 crimp

**Product Description**

BNC series are one kind of cards of thing the mouth join the radio frequency coaxial connection device. It joins rapidly, keeps in touch with the characteristic such as being reliable, applies to the radio equipment and electron tube instrument field and joins the coaxial cable of the radio frequency extensively.

**Application:**

- Antennas
- Broadcast(75Ω), Components
- Oscilloscopes, Radios
- Telecom, Automotive
- Cable Assemblies, Computers/LANs
- Medical Equipment, Satcom
- Base Stations, Cable Modems
- Instrumentation, Mil-Aero
- Surge Protection

**Electrical**

- Impedance: 75 Ω nominal
- Frequency Range: 0-4 GHz with low reflection
- Voltage Rating: 500 volts peak
- Dielectric Withstanding Voltage: 1,500 volts rms
- VSWR: M39012 straight connectors: 1.3 max 0-4 GHz
- MIL-C-39012 Contact ResistanceCenter contact: 1.5 mΩ; Outer contact: 0.2 mΩ
- MIL-C-39012 Insulation Resistance: 5,000 MΩ
- MIL-C 39012 Braid to Body: 0.1 milliohm
- MIL-C-39012 RF Leakage: -55 dB min at 3 GHz
- MIL-C-39012 Insertion Loss: 0.2 dB min at 3 GHz

**Mechanical**

- Mating: 2-stud bayonet coupling
- Braid/Jacket Cable Affixment: All crimps are hex braid; clamps are screw-thread net and braid clamp
- Center Conductor Cable Affixment: Crimps are crimp
- Captivated Contacts: Crimps
- Cable Retention: Crimps: 20-100 lbs

**Material**

- Male Contact: Brass
- Female Contact: gold-plated
- Insulator: TFE
- Crimp Ferrule: Copper

**Environmental**

- Temperature Range: TFE insulators: - 65°C to + 165 °C
- Copolymer of Styrene: - 55°C to + 85°C
- Weatherproof: Clamps with clamp gaskets option
- Hermetic Seals: Pass helium leak test of 2x10<sup>-8</sup> cc/second
- Shock: MIL-STD-202 method 202
- Vibration: MIL-STD-202 method 202, test condition D
- Moisture Resistance: MIL-STD-202 method 106
- Corrosion: MIL-STD-202 method 101, test condition B
- Temperature Cycling: MIL-STD-202 method 102, test condition D
- Altitude:MIL-STD-202 method 105, test condition C

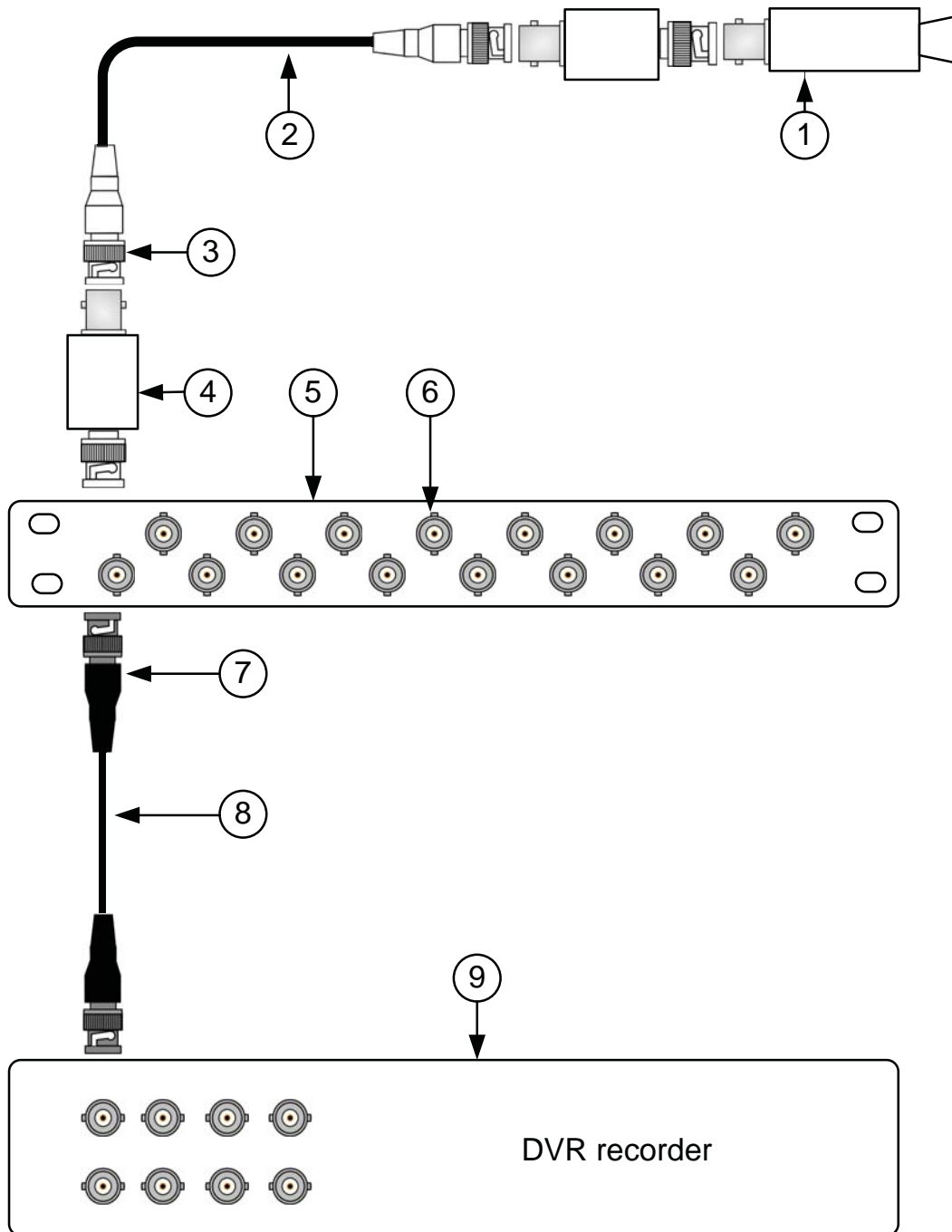
**Military**

- MIL-C-39012: Where applicable



| Part No.  | Descriptions                      |
|-----------|-----------------------------------|
| CA002RG6  | BNC male for RG6 crimp Connector  |
| CA002RG59 | BNC male for RG59 crimp Connector |
| CA002RG25 | BNC male for RG25 crimp Connector |
| CA002RG11 | BNC male for RG11 crimp Connector |

Installation CCTV camera wiring



| ITEM | DESCRIPTIONS             | ORDERING PART NUMBER.                              |
|------|--------------------------|--|
| 1.   | CCTV camera              | BC-CCD800DO-0SD, BC-CCD800BU40-0SD                 |
| 2.   | RG-6 cable               | RG0659, RG0659-D, RG0659MS, RG0659-2P, RG0659-2PS  |
| 3.   | BNC connector for RG-6   | CA002RG6   |
| 4.   | Surge protection         | BC-5052  |
| 5.   | BNC coaxial patch panel  | BC-BP16BNCW, BC-BP16BNCB                           |
| 6.   | BNC to BNC female        | CA007  |
| 7.   | RG-2.5C2V cable          | JIS25C2V95   |
| 8.   | BNC connector for 2.5C2V | CA002RG25  |
| 9.   | DVR recorder             | BC-R6004AHF4, BC-R6604DG3, BC-R6008DG3, BC-R6116G3 |