

# LT-BNCM-RG214(Crimp)

## BNC Male Connector Crimp for RG214 Cable

The Lamatel LT-BNCM-RG214 (Crimp) is a BNC male connector specifically designed for RG214 coaxial cables. This crimp-type connector ensures a secure and reliable connection, making it ideal for high-frequency signal transmission. It is commonly used in broadcast, telecommunications, and RF applications where consistent signal quality is critical.

### Key Features

- Compatible with RG214 coaxial cable
- BNC male type with crimp-style termination
- Durable metal construction for long-lasting performance
- Provides stable signal transmission with minimal loss

### Key Highlights

- Ensures low VSWR for optimal signal integrity
- Crimp design supports quick and repeatable installations
- Resistant to vibration and mechanical stress
- Suitable for both indoor and outdoor applications

### Applications

- RF testing and measurement setups
- Communication and broadcasting equipment
- Wireless systems and antennas
- Laboratory instrumentation
- Field service and maintenance kits
- General RF adapter use in industrial and commercial environments



### Specifications

| Material and Plating                      |                                         |                        |
|-------------------------------------------|-----------------------------------------|------------------------|
| Center Contact                            |                                         | Brass / Gold Plating   |
| Outer Contact & Body                      |                                         | Brass / Nickel Plating |
| Dielectric                                |                                         | PTFE                   |
| Gasket                                    |                                         | Silicon Rubber         |
| Nut                                       |                                         | Brass / Nickel Plating |
| Electrical Specifications                 |                                         |                        |
| Characteristic Impedance                  |                                         | 50 Ohm                 |
| Frequency Range                           |                                         | DC~4.0GHz              |
| Insulation Resistance                     |                                         | ≥5000MΩ                |
| Center Contact Resistance                 |                                         | ≤1.5 mΩ                |
| Outer Contact Resistance                  |                                         | ≤1.0 mΩ                |
| Dielectric Strength                       |                                         | 2500V rms (AC)         |
| Working Voltage                           |                                         | 1000V rms              |
| Insertion Loss                            | @DC~3.0GHz                              | ≤0.10dB                |
| VSWR                                      | @DC~1.0GHz                              | ≤1.3                   |
| Environmental & Mechanical Specifications |                                         |                        |
| Mating Durability                         |                                         | ≥500 cycles            |
| Mechanical Shock Test Method              | MIL-STD-202, Method 213, Test Condition |                        |
| Vibration Test Method                     | MIL-STD-202, Meth. 204, Cond. B         |                        |
| Temperature Range                         |                                         | -65°C to +165°C        |
| RoHS                                      |                                         | Compliant              |
| Regulatory Compliance / Certification     |                                         |                        |
| ISO 9001:2015                             |                                         | Compliant              |

