

LT-BNCRM-RG214(Crimp)

BNC Male Connector Crimp for RG214 Cable

The Lamatel LT-BNCRM-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			
Characteristics 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			
Durability (Matings)		≥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	

