

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

Specifications

Material and Plating		
Center contact	Brass / Glod 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 G	
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	



Applications

- RF and microwave communication systems
- Broadcast and video signal transmission
- CCTV and surveillance systems
- Laboratory and testing equipment
- Telecommunication infrastructure
- Military and industrial RF setups

