LT-BNCM-RG58-CL

BNC MALE CONNECTOR FOR RG58, CLAMP TYPE

LT-BNCM-RG58-CL is a high-quality BNC Male crimp connector specifically designed for RG58 coaxial cable. Engineered for precision and durability, it ensures secure connections with minimal signal loss, making it suitable for RF, video, and communication applications.

The LT-BNCM-RG58-CL provides a reliable crimp-style termination solution for RG58 cables, offering strong mechanical stability and excellent electrical performance. With its robust construction and easy crimp installation, it is ideal for broadcasting, CCTV, networking, and testing setups where dependable connectivity is required.

Features

- Connector Type: BNC Male crimp for RG58 coaxial cable
- 50Ω impedance for stable RF performance
- Low insertion loss with consistent signal quality
- Crimp-style design for secure and reliable termination

Key Highlights

- Frequency Range: DC to 4 GHz (typical)
- VSWR: ≤ 1.3 for excellent signal stability
- Contact Material: Brass with gold plating for superior conductivity
- Body Material: Nickel-plated brass for durability and corrosion resistance

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

PART NUMBER	LT-BNCM-RG58-CL
Description	BNC Male Connector for RG58, clamp type
Material and Plating	
Center Contact	Brass / Gold Plating
Outer Contact & Body	Brass / Nickel Plating
Dielectric	PTFE
Gasket	Silicon Rubber
Electrical Characteristics	
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	1500V rms (AC)
Dielectric Withstanding Voltage	1500V rms
Working Voltage	500V rms
Insertion Loss	≤0.20dB@3GHz
VSWR	≤1.20@DC~1.0GHz
	≤1.30@1.0~2.0GHz
Environmental & Mechanical Specifications	
Durability (Matings)	≥500 cycles
Suitable Cables	LLC200、RG58、LLC195
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D
Thermal Shock Test Method	MIL-STD-202F, Method 107G, Test Condition A
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. A
Temperature Range	-65°C to +165°C
RoHS	Compliant