LT-BNCM-RG58

BNC MALE CONNECTOR FOR RG58, CRIMP TYPE

LT-BNCM-RG58 is a precision BNC Male connector designed for use with RG58 coaxial cable. It delivers stable, low-loss connections, ensuring reliable performance in RF, video, and communication applications.

The LT-BNCM-RG58 offers a secure and efficient termination solution for RG58 cables, supporting consistent signal transmission across various systems. With its durable build and ease of installation, it is widely used in broadcasting, networking, and testing environments where dependable connectivity is essential

Features

• Connector Type: BNC Male for RG58 coaxial cable
• 50Ω impedance for stable RF performance
• Low signal loss with reliable connectivity
• Secure bayonet locking mechanism

Key Highlights

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

Applications

• RF communication systems
• CCTV and video transmission setups
• Wireless and antenna connections
• Laboratory and testing equipment

Specifications

PART NUMBER	LT-BNCM-RG58
Inner conductor	BNC Male Connector for RG58, crimp
Material and Plating	
Center contact	Brass/Glod Plating
Outer conductor	Brass/Nickel Plating
Dielectric	PTFE
Gasket	Silicon Rubber
Electrical Characteristics	
Characteristics	50 Ohm
Frequency Range	DC~1GHz
Insulation Resistance	≥5000MΩ
Center contact	≤1.5 mΩ
Outer contact	≤1.0 mΩ
Dielectric Strength	1500V rms (AC)
Dielectric	1500V rms
Working voltage	500V rms
Insertion Loss	≤0.10dB@1GHz
VSWR	≤1.30@DC~1GHz
Environmental & Mechanical Specifications	
Durability (matings)	≥500 cycles
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	-45°C to +85°C
RoHS	Compliant