

LT-BNCF-LLC400

BNC-FEMALE FOR LLC400 CABLE W/ SHRINK

LT-BNCF-LLC400 is a precision BNC Female connector designed for use with LLC400 coaxial cable. Built for secure and stable connections, it ensures efficient signal transmission with low loss, making it suitable for professional RF and communication applications.

The LT-BNCF-LLC400 provides a reliable termination solution for LLC400 cables, offering consistent performance in RF systems.

Features

- Connector Type: BNC Female for LLC400 coaxial cable
- Secure locking mechanism for stable connection
- Low signal loss and excellent electrical performance
- 50Ω impedance for reliable RF transmission

Applications

- RF communication systems
- Wireless and antenna connections
- Laboratory and testing equipment
- General-purpose coaxial cable terminations

Ordering Information

The LT-BNCF-LLC400 belongs to the High-Performance RF Connector Series (50 Ω, DC–4 GHz, low-PIM, IP68 sealing).

Other available models in this series include:

- LT-BNC-F-LLC200
- LT-BNCF-LLC200
- LT-BNCF-LLC200-S
- LT-BNCF-LLC400



Specifications

Part Number		General
LT-BNCF-LLC400		BNC-FEMALE FOR LLC400 CABLE W/ SHRINK
Material and Plating		
Center Contact		Tin-bronze / Gold Plating
Outer Contact & Body		Brass / Nickel Plating
Dielectric		PTFE
Gasket		Silicon Rubber
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 Withstanding Voltage		1500V rms (AC)
Working Voltage		500V rms
Insertion Loss		≤0.10dB@3GHz
VSWR		≤1.20@DC~1.0GHz
		≤1.30@1.0~2.0GHz
Environmental & Mechanical Specifications		
Mating Durability		≥500 cycles
Suitable Cables		LLC400
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

