

LT-BNCF-LLC400-C

BNC Female Connector for LLC400 Cable, Crimp Type, with Shrink

LT-BNCF-LLC400-C 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-C 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-BNCF-LLC200-C
- LT-BNCF-LLC400-C
- LT-BNCF-LLC200-CG



Specifications

Part Number	General
LT-BNCF-LLC400-C	BNC-FEMALE FOR LLC400 CABLE, CRIMP TYPE 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 Strength	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

