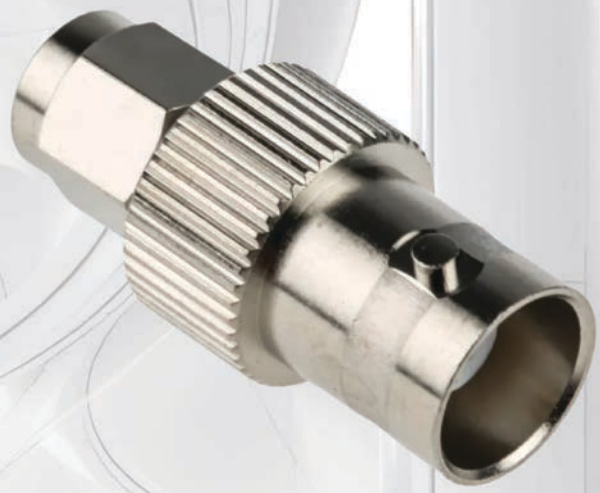
LT-BNC-F-SMAM

BNC FEMALE TO SMA MALE ADAPTER

LT-BNC-F-SMAM is a precision RF adapter designed to connect BNC Male and SMA Male interfaces. Engineered for reliability, it ensures stable signal transfer with minimal loss, making it a versatile solution for both professional and industrial applications.

The LT-BNC-F-SMAM provides a dependable connection between devices using different RF connector standards. With its robust design and consistent performance, it is ideal for use in testing, communication systems, and general RF applications where adaptability and secure connectivity are essential.



Key Features

- BNC Female to SMA Male
- Low signal loss
- Durable, high-quality build
- Wide RF compatibility
- Compact design

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

Ordering Information

The LT-BNC-F-SMAM belongs to the High-Performance RF Connector Series (50 Ω, DC–4 GHz, low-PIM)

Specifications

PART NUMBER	LT-BNC-F-SMAM	
Description	BNC Female to SMA Male Adapter	
Material and Plating		
Center Contact	Tin Bronze / Gold Plated	
Outer Contact & Body	Brass / Nickel Plated	
Nut	Brass / Nickel Plated	
Dielectric	PTFE	
Gasket	-	
Electrical Specifications		
Characteristic Impedance	50 Ohm	
Frequency Range	DC~4GHz	
Insulation Resistance	≥5000MΩ	
Contact Resistance	BNC type	SMA type Male
Center Contact	≤1.0 mΩ	≤1.0 mΩ
Outer Contact	≤0.25 mΩ	≤0.25 mΩ
Dielectric Withstanding Voltage	1500V rms	
Working Voltage	500V rms	
Insertion Loss	≤0.10dB@DC~3GHz	
VSWR	≤1.10@DC~3.0GHz	
Environmental & Mechanical Specifications		
Mating Durability	≥500 cycles	
Thermal Shock Test Method	MIL-STD-202F, Method 107G, Test	
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. B	
Temperature Range	-65~+165°C	
RoHS	Compliant	