

# LT-NM-7/8

## N MALE CONNECTOR FOR 7/8" RF CABLE, CRIMP TYPE

LT-NM-7/8 is a high-performance N-Male connector designed for use with 7/8" coaxial cables. Built for durability and precision, it provides secure, low-loss connections suitable for demanding RF, telecom, and broadcast applications.

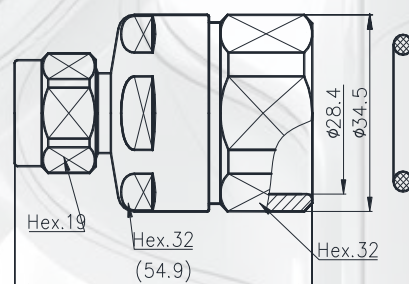
The LT-NM-7/8 offers a reliable termination solution for 7/8" coaxial cables, ensuring excellent electrical performance and strong mechanical stability.

### Key Features

- Connector Type: N-Male for 7/8" coaxial cable
- 50Ω impedance for stable RF performance
- Low insertion loss for efficient signal transmission
- Rugged nickel-plated brass body for durability

### Applications

- RF communication systems
- Antenna and wireless installations
- Broadcasting and transmission setups
- Laboratory and testing environments
- General-purpose RF cable terminations



### Specifications

PART NUMBER		LT-NM-7/8	
Description		N Male Connector for 7/8" RF Cable, crimp type	
Material and Plating			
Inner Conductor Pin		Brass / Silver Plating	
Inner Conductor Socket		Tin Bronze / Silver Plating	
Insulator		PTFE/TPX	
Body & Outer Conductor		Brass / Trimetal Plating	
Gasket		Silicon Rubber	
Nut		Brass / Trimetal Plating	
Electrical Specifications			
Characteristics Impedance		50 Ohm	
Frequency Range		DC~11GHz	
Insulation Resistance		≥5000MΩ	
Dielectric Withstanding Voltage		2500V rms	
Operating Voltage		1500V rms	
Center Contact Resistance		≤1.0 mΩ	
Outer Contact Resistance		≤0.25 mΩ	
Insertion Loss		@ DC-2.7 GHz	≤0.10dB
VSWR		@ 0.8-1.0 GHz	≤1.08
		@ 1.7-2.7 GHz	≤1.10
PIM3(2*43dBm)		≤-155dBc	
Environmental & Mechanical Specifications			
Durability (Matings)		≥500 cycles	
Mechanical Shock Test Method		MIL-STD-202, Method 213, Test Condition D	
Vibration Test Method		MIL-STD-202, Meth. 204, Cond. A	
Temperature Range		-65°C to +85°C	
RoHS		Compliant	
Sealing Class		IP68 24hr, 1m, 20°C	

