

LT-NM-1-1/4

N Straight Female Connector for 50-33 Flexible RF Cable

The LT-NM-1-1/4 is a durable N-Type Male Connector designed to fit 1-1/4" coaxial cables, providing stable, low-loss signal transmission in demanding RF environments. Known for its reliable performance and rugged build, it is widely used in telecommunication systems, RF feeders, and antenna connections.

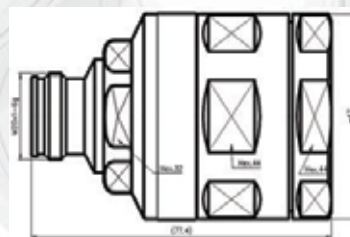
With its high shielding effectiveness and low VSWR, this connector ensures consistent connectivity and is suitable for both indoor installations and outdoor base station setups.

Key Features

- Designed for 1-1/4" coaxial cables
- N-Type male interface
- Low VSWR for efficient signal flow
- Durable and weather-resistant construction
- Corrosion-resistant plating
- Easy and secure installation
- High shielding against RF interference
- Supports high-power, high-frequency applications

Applications

- Telecommunications base stations
- Broadcast and antenna systems
- RF transmission lines and feeders
- Outdoor wireless communication setups
- Industrial high-frequency equipment
- Signal distribution networks in critical infrastructure



Specifications

Product Description		
Inner Conductor	Tin Bronze / Silver Plating	
Outer Conductor & Body	Brass / Trimetal Plating	
Insulator	TPX	
Gasket	Silicon Rubber	
Electrical Specifications		
Characteristic Impedance	50 Ohm	
Interface Frequency	DC~3.8GHz	
Insulation Resistance	≥5000MΩ	
Dielectric Voltage	2500V rms	
Operating Voltage	1500V rms	
Center Contact	≤1.00mΩ	
Outer Contact Resistance	≤0.25mΩ	
Insertion Loss	@DC-3.8 GHz	≤0.1dB
	@0.8-1.0 GHz	≤1.10
	@1.7-2.7 GHz	≤1.13
	@3.0-3.8 GHz	≤1.15
VSWR		
PIM3 (2*43dBm)	@1800MHz	≤-155dBc
Environmental & Mechanical Specifications		
Mating Durability	≥500 cycles	
Mechanical Shock Test	MIL-STD-202, Method 213, Test	
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. A	
Temperature Range	45°C to +85°C	
RoHS	Compliant	
Sealing Class	IP68 24hr, 1m, 20	
Regulatory Compliance / Certification		
ISO 9001:2015	Compliant	

