

# LT-NM-1/2 H

## N Straight male Connector for 1/2" Super Flexible RF Cable

The LT-NM-1/2H is a high-quality N-Type Male Connector tailored for 1/2" superflex coaxial cables, ensuring low-loss, high-frequency signal transmission in RF and telecom systems. Its rugged construction and excellent electrical performance make it ideal for base stations, antenna systems, and RF feeder lines where flexibility and reliability are essential.

This connector provides secure connections, low VSWR, and strong resistance to environmental factors, making it suitable for both indoor and outdoor deployments.

### Key Features

- Designed for 1/2" superflex coaxial cable
- N-Type male connector interface
- Low VSWR for efficient signal transmission
- Compact and flexible cable compatibility
- Weatherproof and corrosion-resistant build
- Easy, tool-friendly installation
- High shielding effectiveness
- Suitable for high-power RF systems

### 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

General Specifications			
Inner Conductor Pin	Brass / Silver Plating		
Inner Conductor Socket	Tin Bronze / Silver Plating		
Insulator	TPX		
Body & Outer Conductor	Brass / Trimetal Plating		
Gasket	Silicon Rubber		
Nut	Brass/Trimetal Plating		
Electrical Specifications			
Characteristics	50 Ohm		
Impedance			
Frequency Range	DC~11GHz		
Insulation Resistance	≥5000MΩ		
Dielectric With Standing Voltage	2500V rms		
Operating Voltage	1500V rms		
Center Contact Resistance	≤1.0 mΩ		
Outer Contact Resistance	≤0.25 mΩ		
Material and Plating			
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	MIL-STD-202, Method 213,		
Test Method	Test Condition D		
Vibration Test Method	MIL-STD-202, Meth. 204,		
Temperature Range	-65°C to +85°C		
RoHS	Compliant		
Sealing Class	IP68 24hr, 1m, 20l)		
Regulatory Compliance / Certification			
ISO 9001:2015	Compliant		

