

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		
Characteristic 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	
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		
Mating Durability	≥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	

