

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

Specifications :

Features	
Inner Conductor Pin	Brass / Silver Plating
Inner Conductor	Tin Bronze / Silver Plating
Socket	
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	2500V rms
Withstanding Voltage	
Operating Voltage	1500V rms
Center contact resistance	≤1.0 mΩ
Outer contact resistance	≤0.25 mΩ



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

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,	
		Cond. A	
Temperature Range		-65°C to +85°C	
RoHS		Compliant	
Sealing Class		IP68 24hr, 1m, 20l)	
Regulatory Compliance / Certification			
ISO 9001:2015		Compliant	

