

LT-NM-1/2L

N-Male Connector for 1/2" Cable

The LT-NM-1/2L 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.

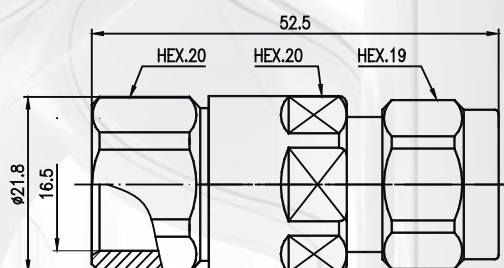
This connector provides secure connections, low VSWR, and strong resistance to environmental factors, making it suitable for both indoor and outdoor deployments.

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

LT-NM-1/2L		
Characteristic Impedance	50Ω	
Cut-Off Frequency	≤ 18GHz	
Shielding Efficiency	≥115dB	
Inner Conductor Contact Resistance	≤ 0.8mΩ	
Outer Conductor Contact Resistance	≤ 0.25mΩ	
IM3	≤ -155dBc	
Insertion Loss	≤ 0.10dB	
Insulation Resistance	≥ 5000mΩ	
Dielectric Strength	2500V	
VSWR	≤ 1.08	
	1.7 - 2.5 GHz	≤ 1.10
Inner Conductor Pin	Brass / Silver Plating	
Inner Conductor Socket	Tin Bronze / Silver Plating	
Insulator	PTFE	
Body & Outer Conductor	Brass / Trimetal Plating	
Gasket	Silicon Rubber	
Working Temperature Range	-65 ~ +165 °C	
Storage Temperature Range	-65 ~ +165 °C	

