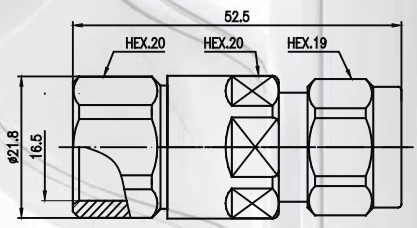
LT-NM-1/2L

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

Key Highlights :

- Optimized for 4G/5G and LTE networks
- Delivers stable, low-loss RF performance
- Designed for low PIM in dense signal environments
- Compact size ideal for space-limited installations
- Built to withstand outdoor and harsh conditions

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		
Characterisctic Impedance	Ω	50
Cut-Off Frequency	GHz	≤ 18
Sheilding Efficiency	dB	≥115
Inner Conductor Contact Resistance	mΩ	≤ 0.8
Outer Conductor Contact Resistance	mΩ	≤ 0.25
IM3	dBc	≤ -155
Insertion Loss	dB	≤ 0.10
Insulation Resistance	mΩ	≥ 5000
Dielectric Strength	V	2500
VSWR	0.8 - 1.0 GHz	≤ 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	°C	-65 ~ +165
Storage Temerature Range	°C	-65 ~ +165