

LT-CON-NF-1/2H

CONNECTOR N FEMALE FOR 1/2" SUPER FLEX RF CABLE

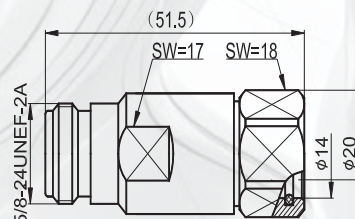
The LT-CON-NF-1/2H is a high-quality RF connector designed for secure and reliable signal transmission. Engineered for low-loss performance, it provides excellent durability and stability under demanding conditions. This connector is ideal for telecom, broadcasting, and wireless infrastructure applications where consistent connectivity is critical.

Features

- High-quality RF connector ensuring low signal loss
- Robust construction for long-term reliability
- Compatible with 1/2" cables for versatile use
- Easy installation and secure locking mechanism
- Excellent performance for high-frequency applications

Applications

- RF testing and measurement setups
- Communication and broadcasting equipment
- Wireless systems and antennas
- Laboratory instrumentation
- Field service and maintenance kits
- General RF adapter use in industrial and commercial environments



Specifications

PART NUMBER	LT-CON-NF-1/2H	
Description	Connector DIN Male for 1/2" Super Flex Cable	
Material and Plating		
Inner Conductor Pin	Brass / Silver Plating	
Inner Conductor Socket	Tin Bronze / Silver Plating	
Insulator	PTFE/TPX	
Body & Outer Conductor	Brass / Trimetal Plating	
Gasket	Silicon Rubber	
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	
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 Test Method	MIL-STD-202, Method 213, 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, 20°C	

