

LT-NF-NF-SA

N-Female to N-Female Surge Arrester

The LT-NF-NF-SA is a straight-angle N-Type Female to N-Type Female adapter designed to connect two N-Type male connectors in RF systems. Built for high-frequency and low-loss signal transmission, this adapter provides a reliable link between components in telecommunications, broadcast, and wireless infrastructure.

Its rugged, corrosion-resistant design ensures stable performance in both indoor and outdoor environments, making it a practical solution for signal extension, testing setups, and tight-space installations.

Key Features

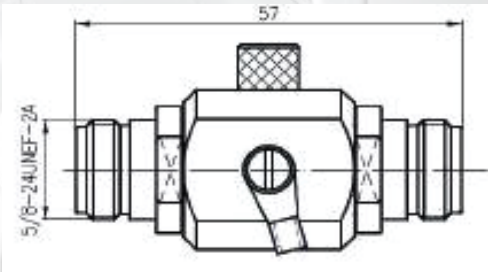
- N-Type female to N-Type female interface
- Straight adapter configuration
- Low insertion loss and high signal integrity
- Supports high-frequency RF applications
- Durable, corrosion-resistant construction
- Suitable for indoor and outdoor use
- Easy to install and integrate into existing setups

Key Highlights

- Designed for professional RF and telecom use
- Reliable performance in outdoor and harsh environments
- Ensures stable, low-loss signal transmission
- Ideal for high-power, high-frequency applications
- Built to meet industry standards for quality and durability

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

Material and Plating	
Body	Brass / Trimetal Plating
Jack Slide	Tin Bronze/Gold or Silver Plating
Dielectric	PTFE
Gasket	Silicon Rubber
Electrical Specifications	
Characteristic Impedance	50 Ohm
Frequency Range	0.1 GHz ~ 3 GHz
Insulation Resistance	≥ 5000 mΩ
Center Contact Resistance	≤ 0.80 mΩ
Outer Contact Resistance	≤ 0.25 mΩ
DC Sparkover Voltage	90 V ± % 20
Nominal Impulse Discharge Current	20 KA, wave 8/20us
Rated Discharge Current	20 A
Nominal AC Sparkover Voltage	≤ 700 V
Insertion Loss	≤ 0.20 dB @ 3 GHz
VSWR	≤ 1.2 @ DC ~ 2.5 GHz
Environmental Specifications	
Mating Durability	≥ 500 cycles
RoHS	Compliant

