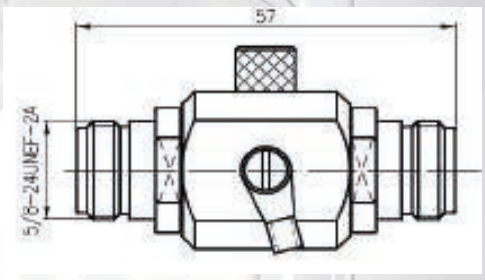
LT-SRGA-NF-NF

N-Female to N-Female Surge Arrester

The LT-SRGA-NF-NF is a high-quality RF adapter featuring dual N-Female interfaces, designed to connect two N-Male terminated coaxial cables. It provides a reliable and low-loss connection, making it essential for RF signal routing, extension, and system integration.

Built with precision machining and robust materials, this adapter ensures consistent signal performance in various applications, including telecommunication systems, antenna setups, test environments, and broadcast networks.



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
Insulator (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 & Mechanical Specifications	
Mating Durability	≥ 500 cycles
RoHS	Compliant