

Coaxial adapters with N-type and SMA connectors, operating frequency range is from DC to 18 GHz, VSWR is 1.25.

TYPICAL APPLICATIONS

- Connecting different types of coaxial connectors
- Test and measurement equipment in RF or microwave engineering
- Antenna systems and RF installations
- Cable TV and satellite communication
- Telecommunications infrastructure
- Military and aerospace communication systems

FEATURES

- Small size
- Low VSWR
- Long test life

MECHANICAL SPECIFICATIONS

Outer contact	Passivated stainless steel
Dielectric contact	PTFE&PEI
Center contact	Gold-plated beryllium copper
Operating temperature, °C	-55 – +100
Dimensions	Check the outline drawings

ELECTRICAL SPECIFICATIONS

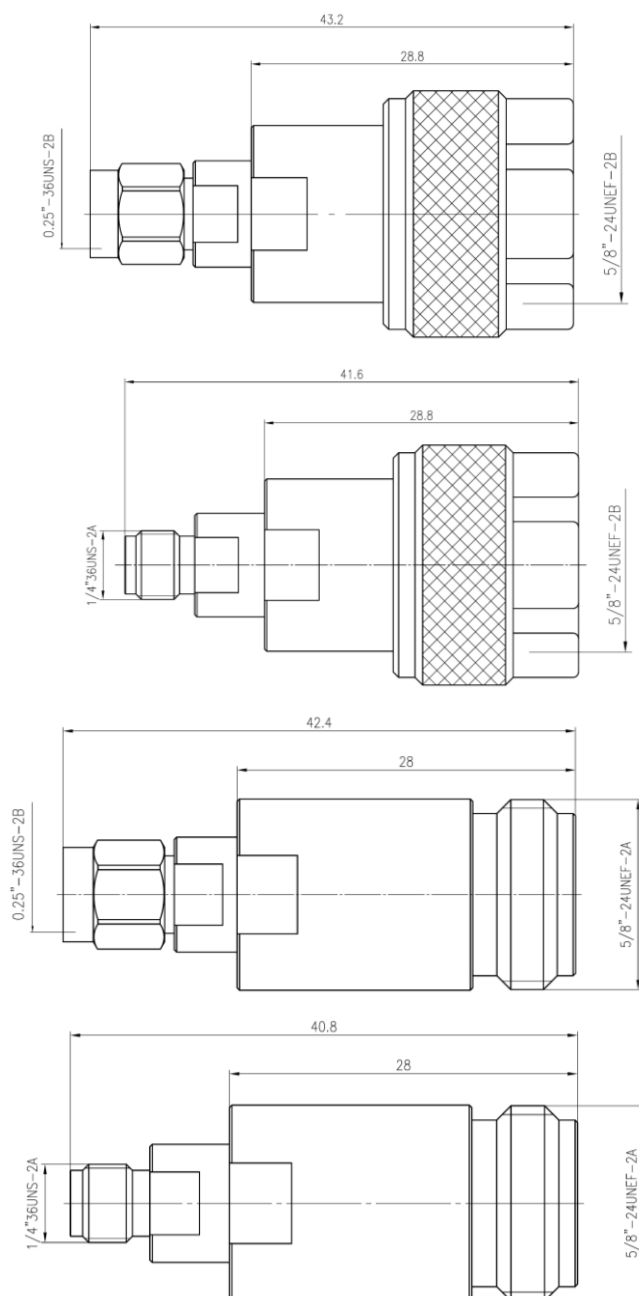
Frequency range, GHz	DC – 18
Insertion loss, dB	≤0.4
VSWR, max.	1.25
Insulation resistance, MOhm	≥5000
Voltage withstands, V	≥500
Center contact resistance, mOhm	≤1
Outer contact resistance, mOhm	≤2
SST	96H
Mating cycle	≥500

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPES: **N** male/female;
SMA male/female

Ordering information:

LBWH-AC-18-NX-SMAX — specify connector genders (Male/Male; Male/Female; Female/Male; Female/Female)


Notes:

1. All outline dimensions are in mm, with a dimensional tolerance of ±5%.