

Series of coaxial adapters with N-type connectors, operating frequency range from DC to 18 GHz, typical VSWR is 1.15, dielectric withstanding voltage is 2000 V.

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



MECHANICAL SPECIFICATIONS

Inner conductor material	Brass (for male/male) or beryllium copper (for others), Gold-plated
Dielectric material	PEI
Housing	Passivated stainless steel
Coupling nut material	Passivated stainless steel
Operating temperature, °C	–20 – +60
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

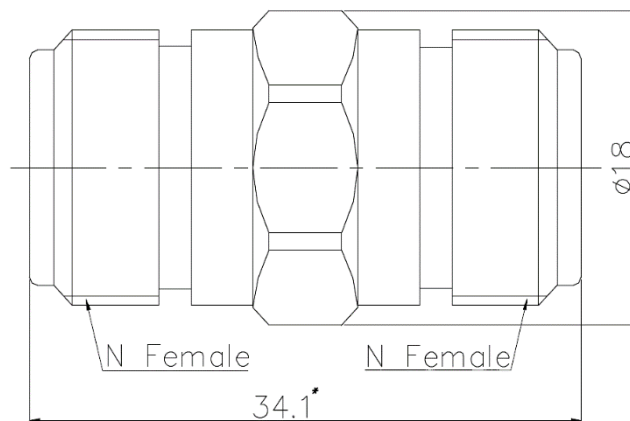
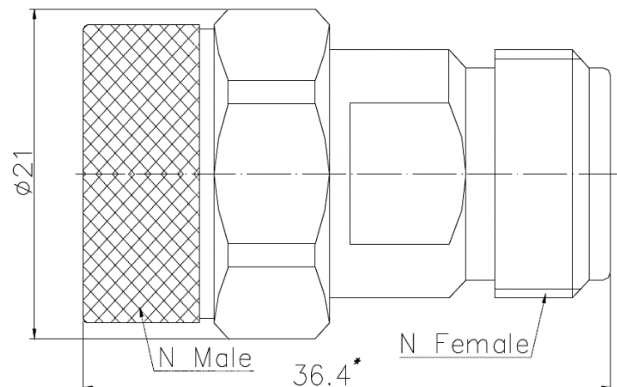
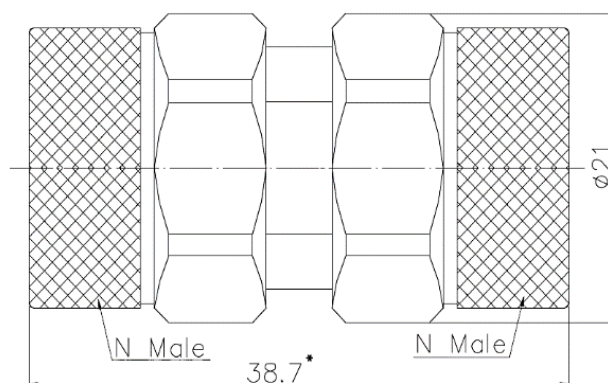
Operating frequency, GHz	18
Dielectric withstanding voltage, V	2000
VSWR, typ.	1.15
Insulation resistance, MOhm	5000
Insertion loss, dB	$0.05\sqrt{f}$

NOMINAL IMPEDANCE: 50 Ohm

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

Ordering information:

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



Notes:

1. All outline dimensions are in mm, with a dimensional tolerance of $\pm 5\%$.
2. Insertion loss is calculated as $0.05\sqrt{f}$, where f is the frequency in GHz.
3. Sizes marked with * are only for reference.