

Series of right-angle coaxial adapters with N-type connectors, operating frequency range from DC to 18 GHz, VSWR is 1.15 min., dielectric withstanding voltage is 1500 / 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	Gold-plated beryllium copper
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	1500 (for male/ female) 2000 (for others)
VSWR	1.35 (for male/female) 1.25 (for others)
Insulation resistance, MOhm	5000
Insertion loss, dB	$0.05\sqrt{f}$

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPES: N male/female;

N male/female

LBWT-AC-18-R-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.

