

Series of coaxial adapters with 3.5 mm and N-type connectors, operating frequency range from DC to 18 GHz, VSWR is 1.15, dielectric withstanding voltage is 1000 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 nuts	Passivated stainless steel
Operating temperature, °C	-20 – +60
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

Operating frequency, GHz	18
Dielectric withstanding voltage, V	1000
VSWR	≤1.15
Insulation resistance, MOhm	5000
Insertion loss, dB	0.05√f

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPES: 3.5 mm male/female;
N male/female

Ordering information:

LBWT-AC-18-3.5X-NX – 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%.
2. Insertion loss is calculated as 0.05√f, where f is the frequency in GHz.