

Coaxial adapters with N-type and 1.85 mm connectors, operating frequency range is from DC to 18 GHz, VSWR is 1.30.

**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        | PEI                        |
| Center contact            | Gold-plated brass          |
| Operating temperature, °C | -55 – +100                 |
| Dimensions                | Check the outline drawings |

**ELECTRICAL SPECIFICATIONS**

|                                 |         |
|---------------------------------|---------|
| Frequency range, GHz            | DC – 18 |
| Insertion loss, dB              | ≤0.2    |
| VSWR, max.                      | 1.30    |
| Insulation resistance, MOhm     | ≥5000   |
| Voltage withstands, V           | ≥500    |
| Center contact resistance, mOhm | ≤1.5    |
| Outer contact resistance, mOhm  | ≤2      |
| SST                             | 96H     |
| Mating cycle                    | ≥500    |

**NOMINAL IMPEDANCE:** 50 Ohm

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

**Ordering information:**

**LBWH-AC-18-NX-1.85X** – specify connector gender (Male/Male; Male/Female; Female/Male; Female/Female)

**Notes:**

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

