

Series of coaxial adapters with NMD1.85 mm and 2.4 mm connectors, operating frequency range from DC to 50 GHz, VSWR is 1.25, 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

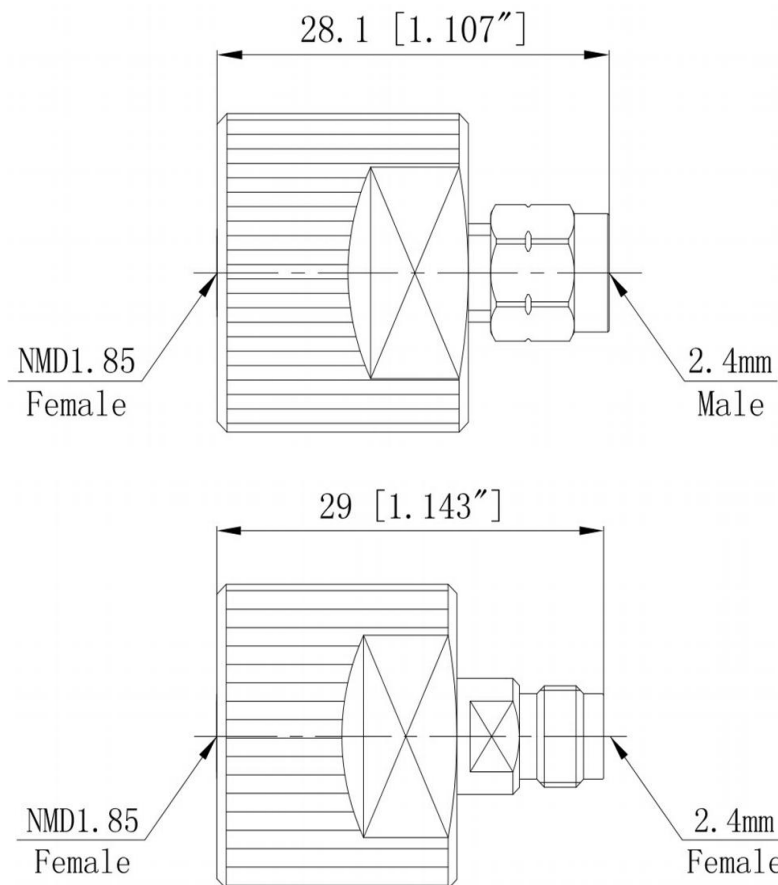
Inner conductor material	Gold-plated beryllium copper
Dielectric material	PEI
Housing	Passivated stainless steel
Coupling nut material	Passivated stainless steel
Operating temperature, °C	-40 – +100
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

Operating frequency, GHz	50
Dielectric withstanding voltage, V	1000
VSWR	1.25
Insulation resistance, MOhm	5000
Insertion loss, dB	$0.1\sqrt{f}$

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPES: **NMD1.85 mm** female;
2.4 mm male/female


Ordering information:

LBWT-AC-50-NMD1.85F-2.4X – specify connector genders
 (Female/Male; Female/Female)

Notes:

1. All outline dimensions are in mm, with a dimensional tolerance of $\pm 5\%$.
2. Insertion loss is calculated as $0.1\sqrt{f}$, where f is the frequency in GHz.