

Series of coaxial adapters with NMD3.5 mm and NMD3.5 mm connectors, operating frequency range from DC to 26.5 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

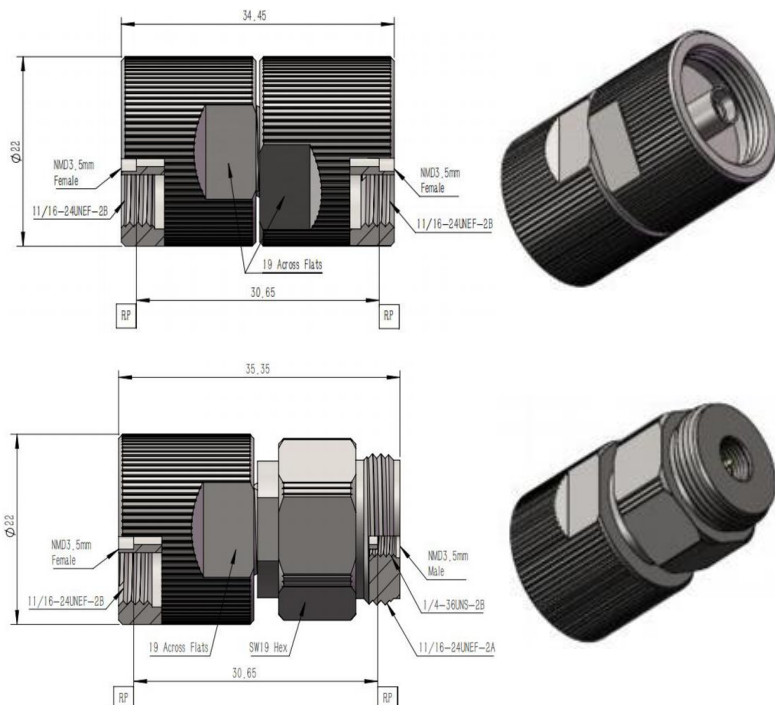
Inner conductor material	Gold-plated beryllium copper
Dielectric material	PEI
Housing	Passivated stainless steel
Coupling nut material	Passivated stainless steel
Operating temperature, °C	-40 – +100
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

Operating frequency, GHz	26.5
Dielectric withstanding voltage, V	≥1000
VSWR	1.15
Insulation resistance, MOhm	5000
Insertion loss, dB	$0.05\sqrt{f}$

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPES: **NMD3.5 mm** female;
NMD3.5 mm male/female



Ordering information:

LBWT-AC-40-NMD3.5F-NMD3.5X – 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 $0.05\sqrt{f}$, where f is the frequency in GHz.