

Series of coaxial adapters with NMD1.85 mm connectors, operating frequency range from DC to 67 GHz, VSWR is 1.35, 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

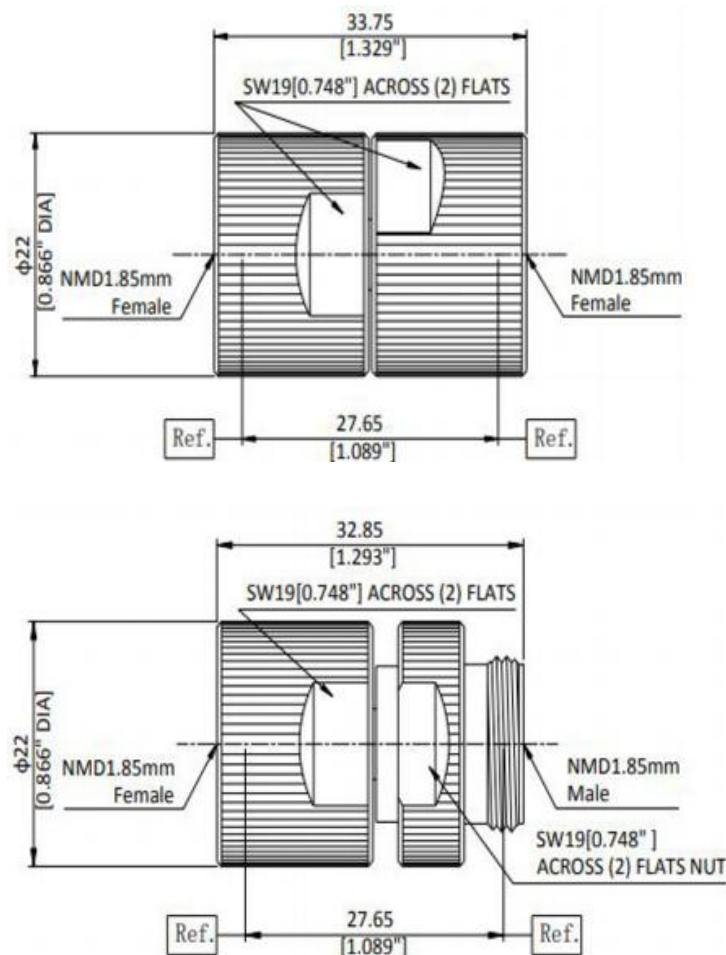
Inner conductor material	Gold-plated beryllium copper
Dielectric material	PEEK
Housing	Polished & passivated SUS303
Coupling nut material	Polished & passivated SUS303
Operating temperature, °C	-40 – +100
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

Operating frequency, GHz	67
Dielectric withstanding voltage, V	1000
VSWR	1.35
Insulation resistance, MOhm	5000
Insertion loss, dB	$0.06\sqrt{f}$

NOMINAL IMPEDANCE: 50 Ohm

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



Ordering information:

LBWT-AC-67-NMD1.85F-NMD1.85X – 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 $0.06\sqrt{f}$, where f is the frequency in GHz.