

Waveguide to coaxial adapter with 1.0 mm connector, operating frequency range from 60 to 90 GHz, max VSWR is 1.50.

TYPICAL APPLICATIONS

- Laboratory test and measurement
- Scientific research
- Satellite communication
- Telecommunications infrastructure
- Medical equipment
- Military and aerospace communication systems

FEATURES

- Wide frequency range
- Low VSWR and Insertion loss

MECHANICAL SPECIFICATIONS

Operating temperature, °C	-40 – +85
Storage temperature, °C	-40 – +85
Material	Aluminum
Finish	Gold
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

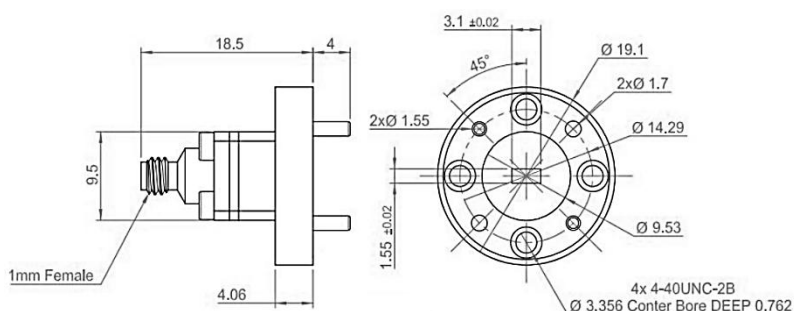
Operating frequency range, GHz	60 – 90
Insertion loss, dB	1.0
VSWR	1.50
Power, W	2

NOMINAL IMPEDANCE: 50 Ohm

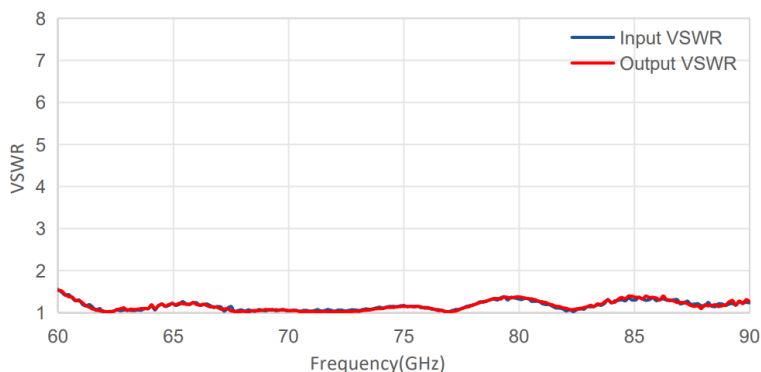
CONNECTOR TYPE: 1.0 mm female

WAVEGUIDE TYPE: WR12

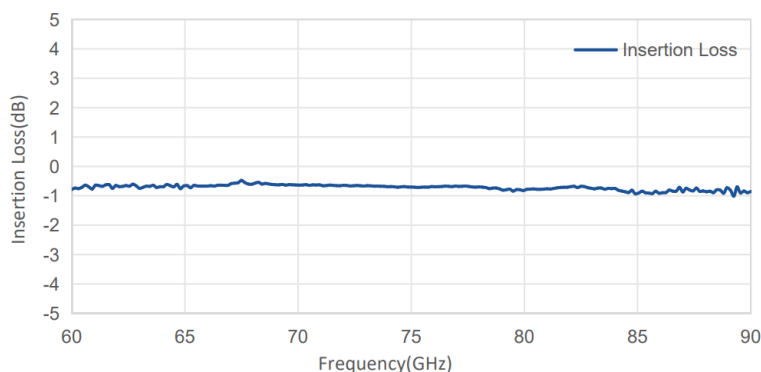
FLANGE TYPE: UG-387/U-M



VSWR vs Frequency



Insertion loss vs Frequency



Notes:

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