

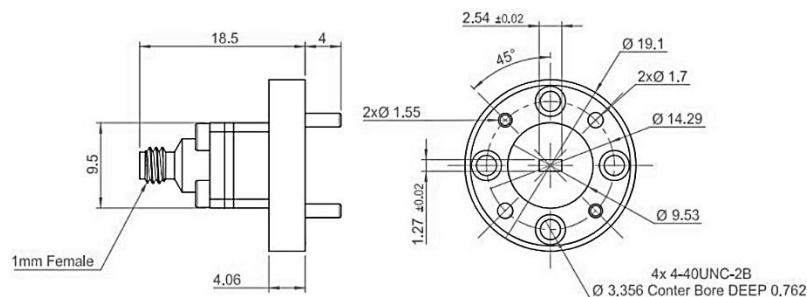
Waveguide to coaxial adapter with 1.0 mm connector, operating frequency range from 60 to 90 GHz, max VSWR is 1.50.

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	Copper
Finish	Gold
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

Operating frequency range, GHz	60 – 90
Insertion loss, dB	0.4
VSWR	1.30
Power, W	2

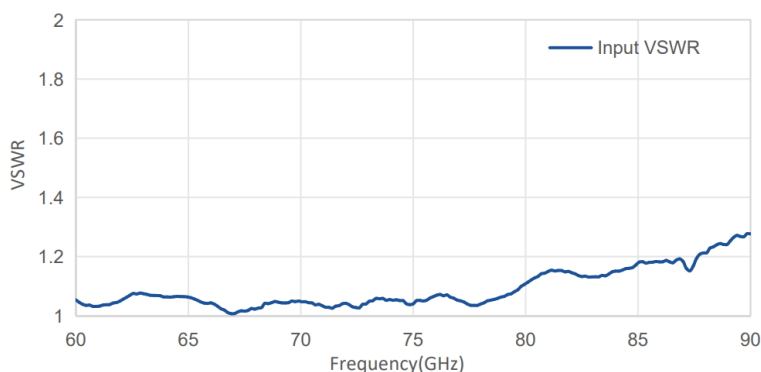
NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPE: 1.0 mm male

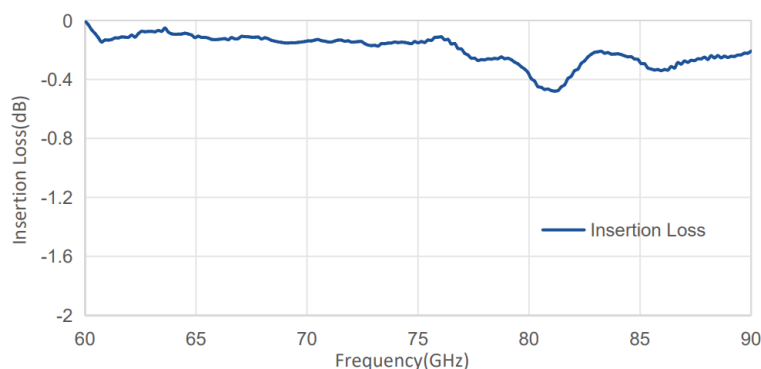
WAVEGUIDE TYPE: WR12

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 $\pm 5\%$.