

Waveguide to coaxial adapter with 1.0 mm connector, operating frequency range from 40 to 60 GHz, max VSWR is 1.30.

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

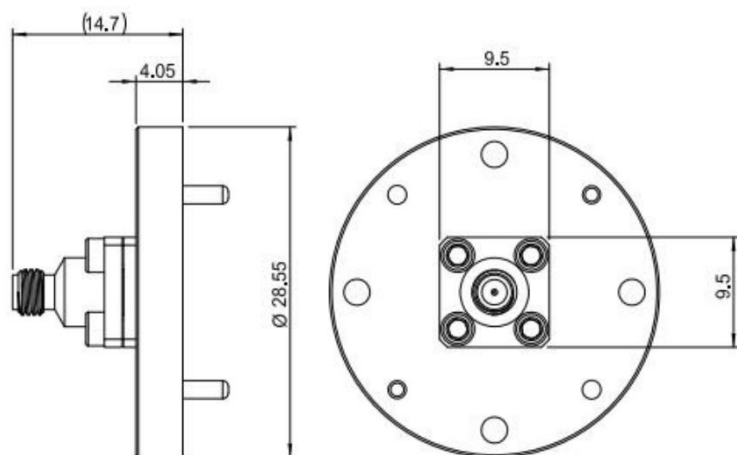
Operating frequency range, GHz	40 – 60
Insertion loss, dB	0.5
VSWR	1.30

NOMINAL IMPEDANCE: 50 Ohm

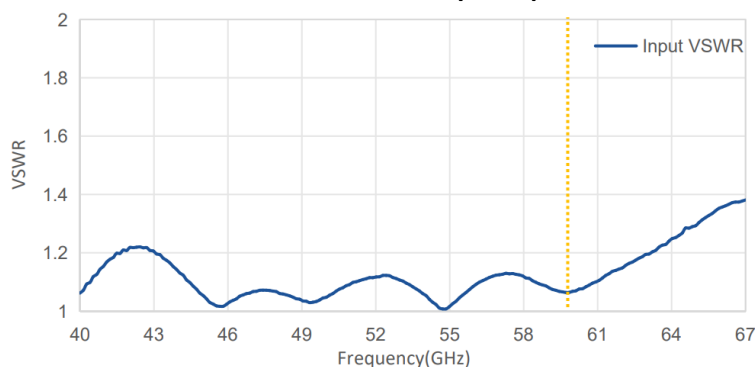
CONNECTOR TYPE: 1.0 mm female

WAVEGUIDE TYPE: WR19

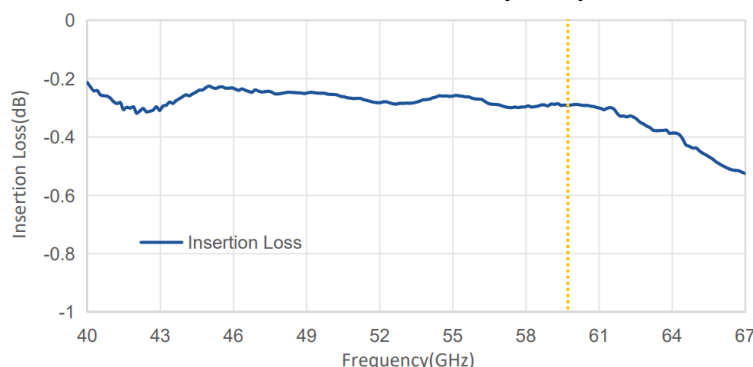
FLANGE TYPE: UG-383/U-M



VSWR vs Frequency



Insertion loss vs Frequency



Notes:

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