

Waveguide to coaxial adapter with 1.0 mm connector, operating frequency range from 50 to 75 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

Material	Aluminum
Finish	Gold
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

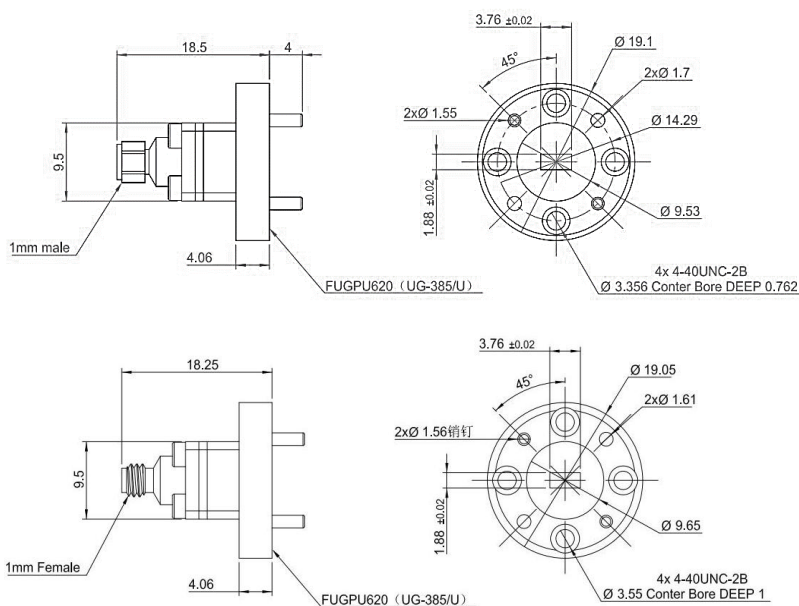
Operating frequency range, GHz	50 – 75
Insertion loss, dB	1.0 max (male) 0.4 typ. (female)
Max. VSWR	1.40 (male) 1.50 (female)
Power, W	2

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPE: 1.0 mm male/female

WAVEGUIDE TYPE: WR15

FLANGE TYPE: UG-385/U-M



Ordering information:

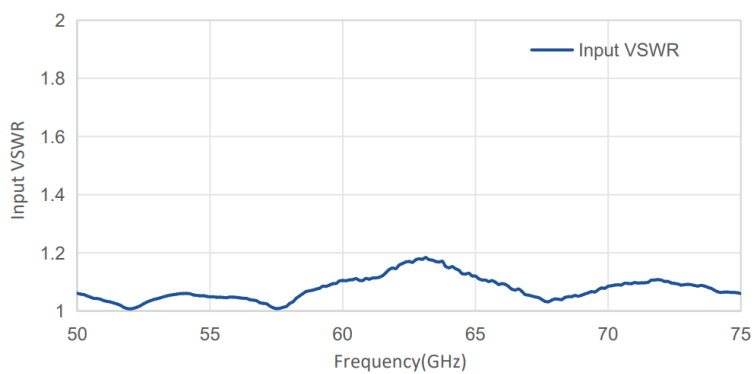
LBWT-WAC-50/75-A-WR15-1.0X — specify connector gender (Male or Female)

Notes:

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

LBWT-WAC-50/75-A-WR15-1.0F

VSWR vs Frequency



Insertion loss vs Frequency

