

Waveguide to coaxial adapter with 0.8 mm connector, operating frequency range from 110 to 170 GHz, VSWR is 1.60.

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

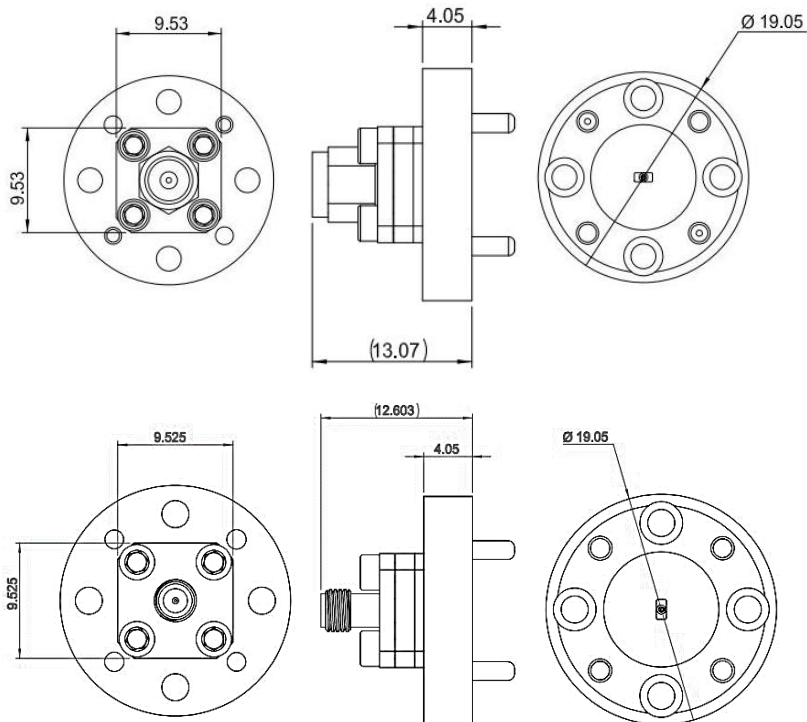
Operating frequency range, GHz	110 – 170
Insertion loss, dB	1.4
VSWR	1.60
Power, W	2

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPE: 0.8 mm male/female

WAVEGUIDE TYPE: WR-6.5

FLANGE TYPE: UG-387/U-M



Ordering information:

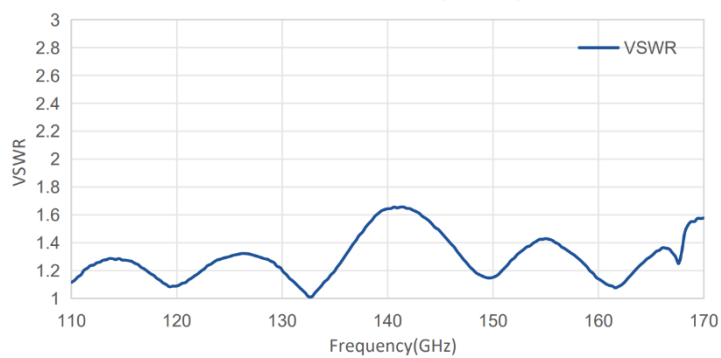
LBWT-WAC-110/170-A-WR-6.5-0.8X – specify connector gender (Male or Female)

Notes:

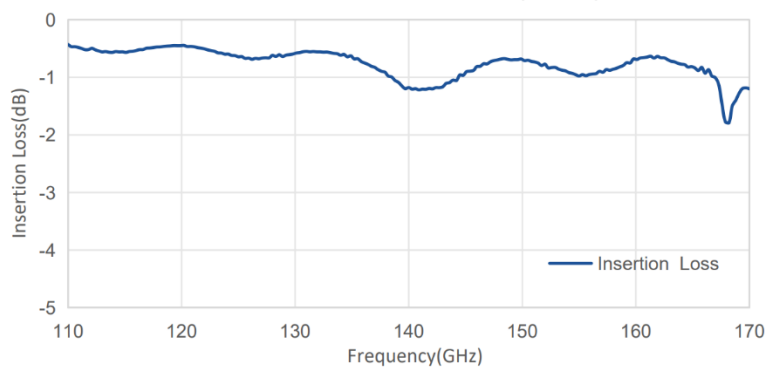
1. All outline dimensions are in mm, with a dimensional tolerance of $\pm 5\%$.

LBWT-WAC-110/170-A-WR-6.5-0.8M

VSWR vs Frequency

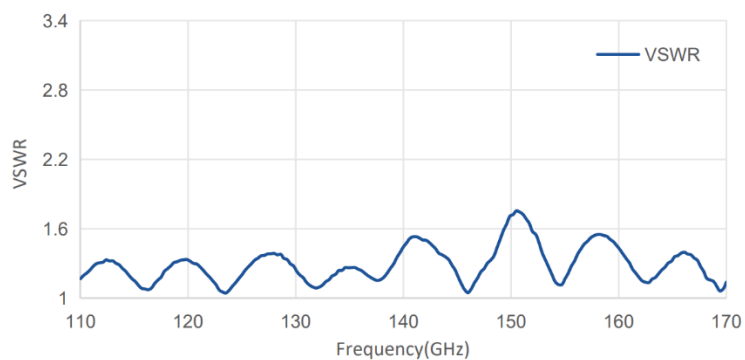


Insertion loss vs Frequency



LBWT-WAC-110/170-A-WR-6.5-0.8F

VSWR vs Frequency



Insertion loss vs Frequency

