

Waveguide to coaxial adapter with 1.85 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

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

ELECTRICAL SPECIFICATIONS

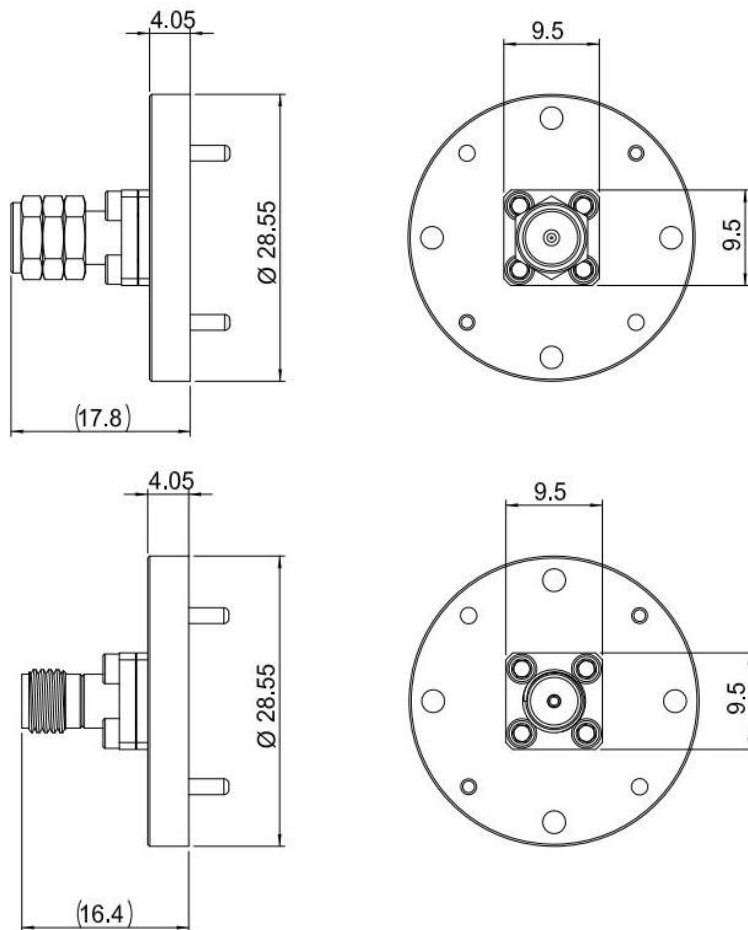
Operating frequency range, GHz	40 – 60
Insertion loss, dB	0.4
VSWR	1.30

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPE: 1.85 mm male/female

WAVEGUIDE TYPE: WR19

FLANGE TYPE: UG-383/U-M



Ordering information:

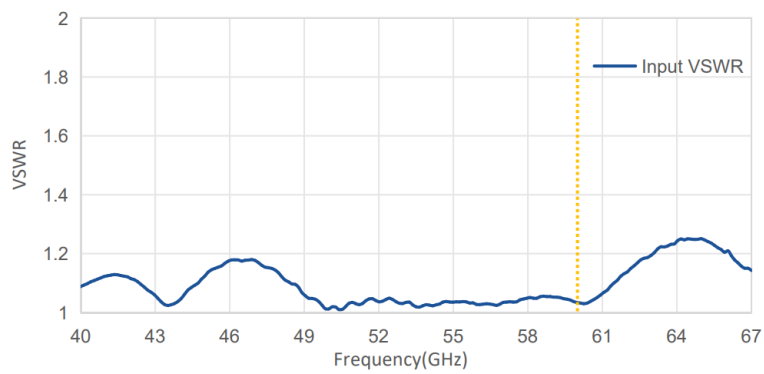
LBWT-WAC-40/60-C-WR19-1.85X — specify connector gender (Male or Female)

Notes:

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

LBWT-WAC-40/60-C-WR19-1.85F

VSWR vs Frequency



Insertion loss vs Frequency

