

Waveguide to coaxial adapter with 1.85 mm connector, operating frequency range from 18 to 26.5 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
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

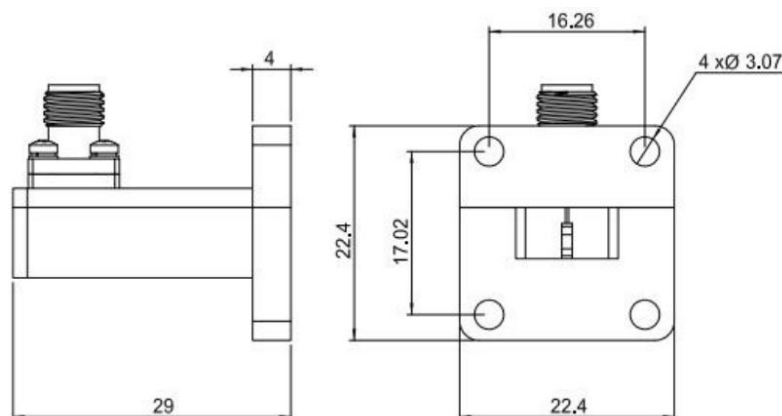
Operating frequency range, GHz	18 – 26.5
Insertion loss, dB	0.3
VSWR	1.30

NOMINAL IMPEDANCE: 50 Ohm

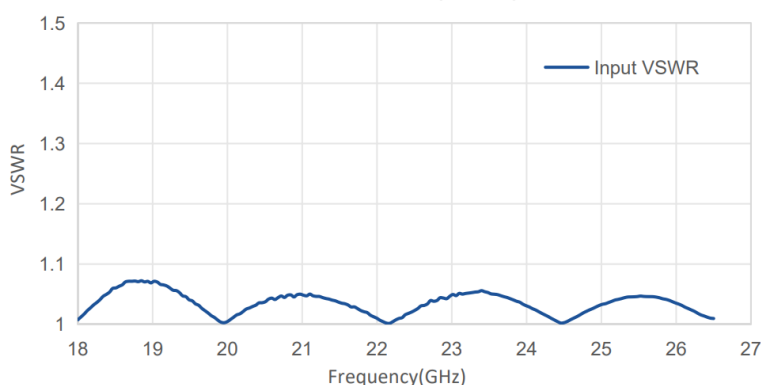
CONNECTOR TYPE: 2.92 mm female

WAVEGUIDE TYPE: WR42

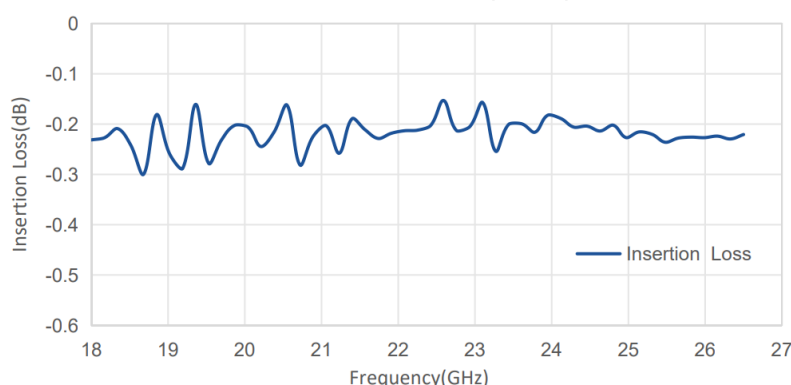
FLANGE TYPE: UG-599/U



VSWR vs Frequency



Insertion loss vs Frequency



Notes:

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