

Waveguide to coaxial adapter with SMA connector, operating frequency range from 8.2 to 12.5 GHz, max. VSWR is 1.20.

### 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                   |
| Inside Finish  | Chromate conversion        |
| Outside Finish | Grey lacquer               |
| Dimensions, mm | Check the outline drawings |

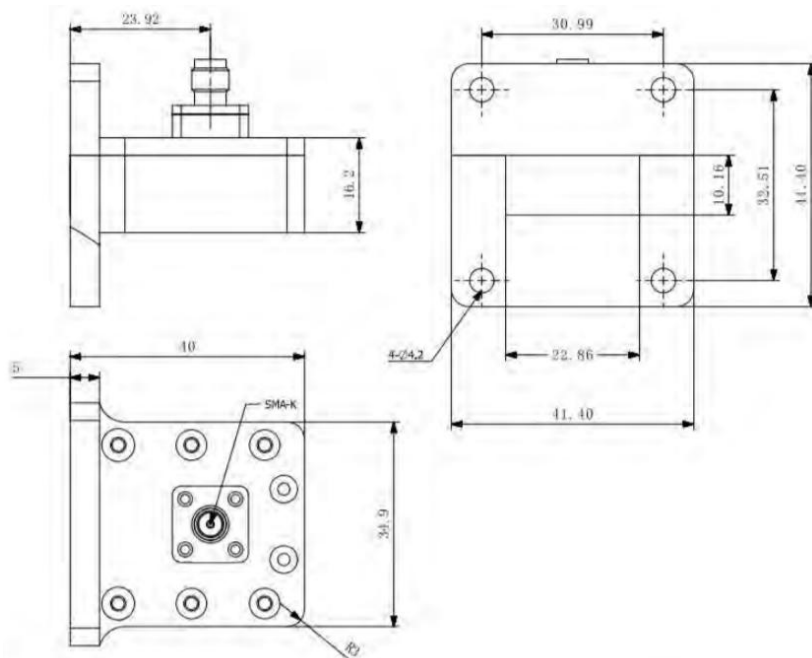
### ELECTRICAL SPECIFICATIONS

|                                |            |
|--------------------------------|------------|
| Operating frequency range, GHz | 8.2 – 12.5 |
| Max. VSWR                      | 1.20       |
| Insertion loss max., dB        | 0.3        |

**NOMINAL IMPEDANCE:** 50 Ohm

**CONNECTOR TYPE:** SMA female

**WAVEGUIDE TYPE:** WR90



### Notes:

1. All outline dimensions are in mm, with a dimensional tolerance of 0.1 mm.