

## DATASHEET

### ELECTRICAL SPECIFICATIONS

|                 |                                                      |
|-----------------|------------------------------------------------------|
| Frequency range | 60.5 – 91.9 GHz                                      |
| Impedance       | 50 $\Omega$                                          |
| Nominal gain    | 20 dBi                                               |
| VSWR            | $\leq 1.20$                                          |
| Polarization    | Linear                                               |
| 3dB bandwidth   | E-Plane: 11.2 - 15.9 deg<br>H-Plane: 10.6 - 15.0 deg |



### MECHANICAL SPECIFICATIONS

|                |                                   |
|----------------|-----------------------------------|
| Waveguide type | WR12                              |
| Flange type    | UG387/U-MOD<br>Round Cover Flange |
| Weight         | 20.3 g                            |

### MATERIAL SPECIFICATIONS

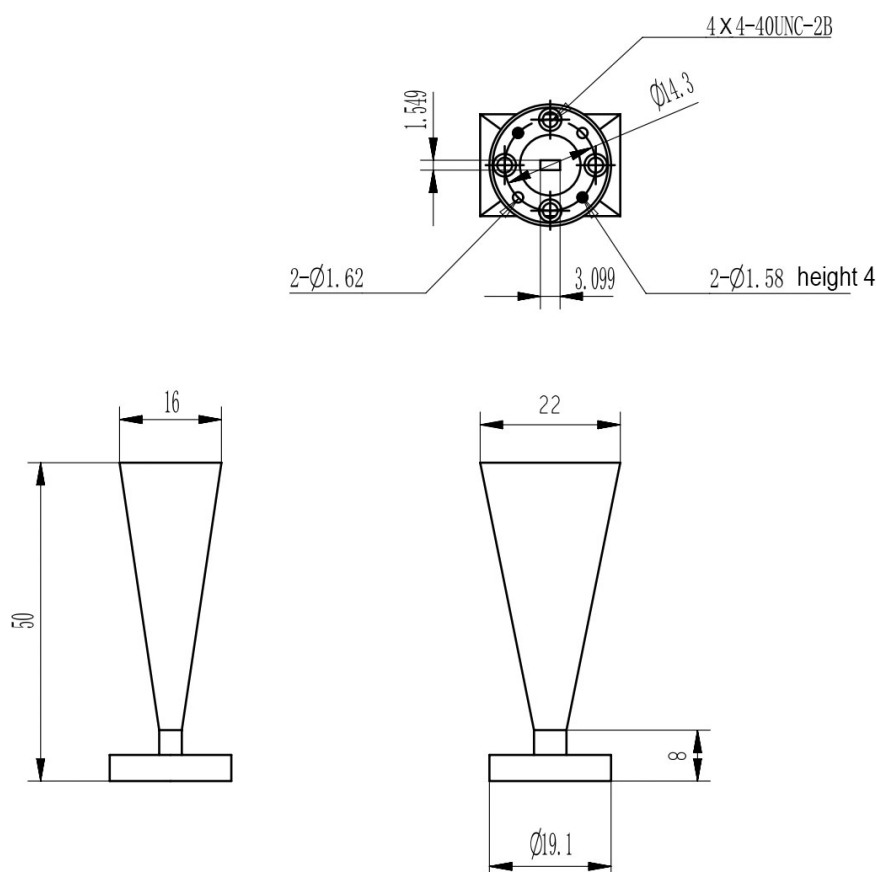
| COMPONENT | MATERIAL | PLATING |
|-----------|----------|---------|
| Body      | Copper   | Gold    |
| Flange    | Copper   | Gold    |

### ENVIRONMENTAL SPECIFICATIONS

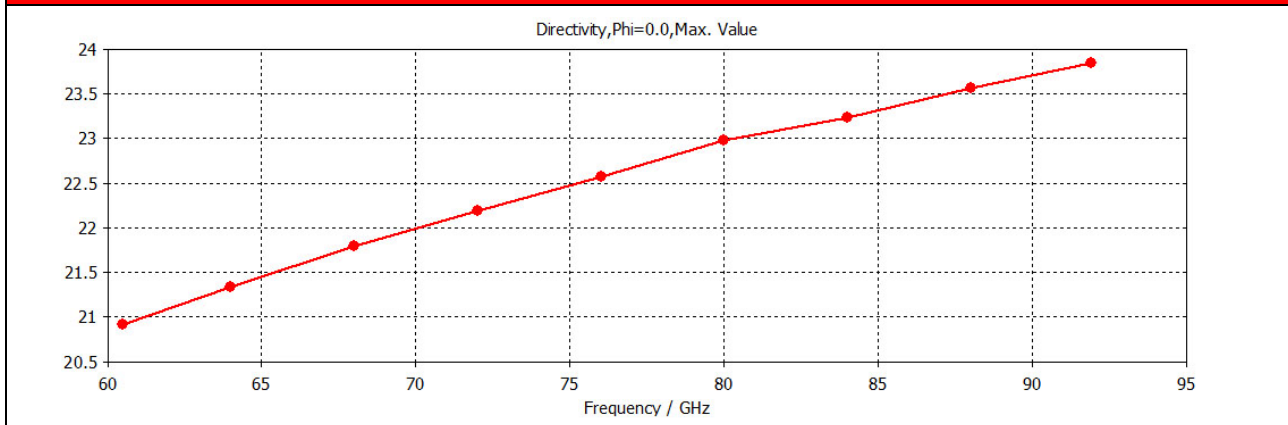
|                   |              |                                                                                       |
|-------------------|--------------|---------------------------------------------------------------------------------------|
| Temperature range | -40 / +70 °C |  |
|                   |              |                                                                                       |

### DRAWING

Unit: mm



**TYPICAL GAIN**



**TYPICAL VSWR**

