

## Standard Gain Horn Antenna

SMA Female/6.57-9.99GHz/10dBi Typ, Gain

Model:TL-112SHAS10

TL-112SHAS10 is a standard gain horn antenna that operates from 6.57 GHz to 9.99 GHz. The antenna offers 10 dBi nominal gain. The input connector of this antenna configuration offers coax adapter structure with SMA female. The standard gain horn is offered for antenna range calibration purpose mainly, but it can be also used for general purpose system set ups.

### Features:

- Operating Frequency 6.57 to 9.99 GHz
- Gain: 10dBi Typ
- Good Impedance Match

### Applications:

- Antenna Ranges
- Antenna Gain Measurements
- System Setups

### Electrical Characteristics:

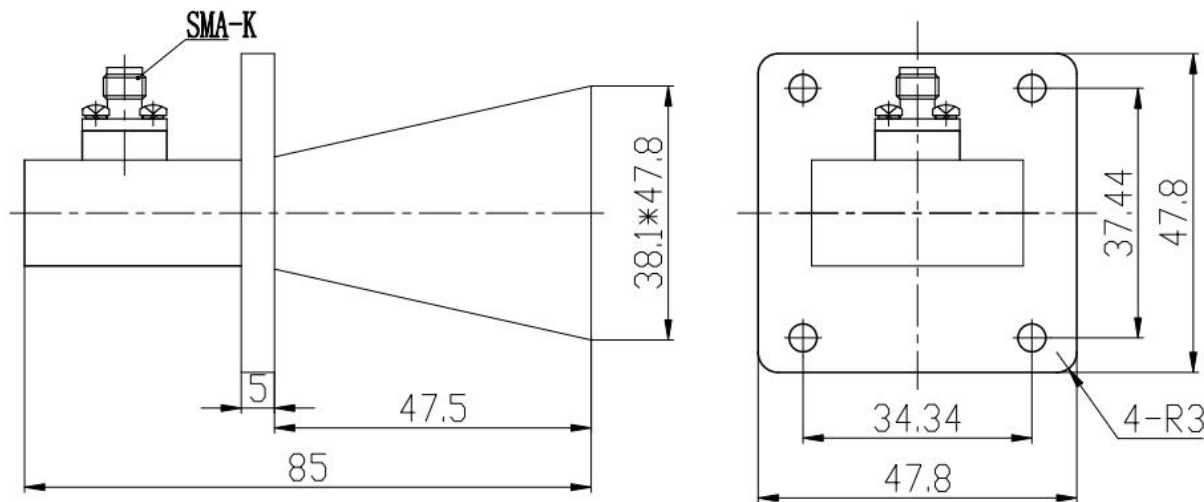
| Parameter       | Min  | Typ | Max  | Units |
|-----------------|------|-----|------|-------|
| Frequency Range | 6.57 |     | 9.99 | GHz   |
| Gain            |      | 10  |      | dBi   |
| Input VSWR      |      |     | 1.5  | :1    |

### Envrionmental And Physical Characteristics:

| Description | Parameter                                  | Units |
|-------------|--------------------------------------------|-------|
| Material    | Aluminum                                   |       |
| Finish      | Conductive oxidation, spray sea gray paint |       |
| Connectors  | SMA Female                                 |       |
| Size        | 85*38.1*47.8                               | mm    |

## Outline Drawing:

Unit:mm; Tolerance:±0.1mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

## Ordering Information:

| Base Number  | Description                                                   | Revision |
|--------------|---------------------------------------------------------------|----------|
| TL-112SHAS10 | Standard Gain Horn Antenna,<br>6.57-9.99GHz, Gain: 10dBi Typ. | Rev.1.0  |