

## Product features

The planar spiral antenna has the characteristics of ultra bandwidth, low voltage standing wave ratio, stable performance, compact structure, and light weight. Customized right or left circularly polarized planar spiral antennas according to customer requirements.

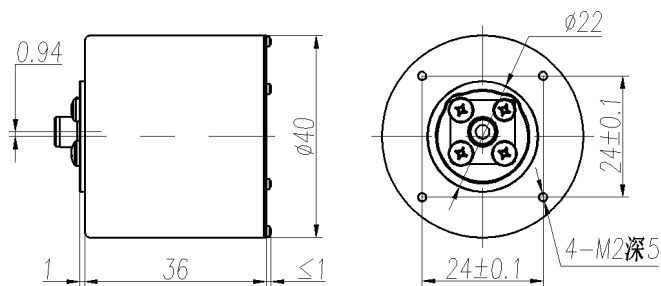
## Main specifications

| Parameters    | Min | Typical | Max | Units |
|---------------|-----|---------|-----|-------|
| Frequency     | 2   | ~       | 18  | GHz   |
| Gain          |     | 0       |     | dBi   |
| VSWR          |     | 2       |     |       |
| 3dB Beamwidth |     | 60      |     | °     |
| AR            |     | 2.5     |     | dB    |

## Other parameters

|                  |                                    |
|------------------|------------------------------------|
| Polarization     | Right-handed circular polarization |
| Connector        | SMA-K                              |
| Outline size     | φ40*40mm                           |
| Estimated weight | 60g                                |
| Surface          | Grey                               |
| Operation Temp.  | -25~+55°C Design assurance         |

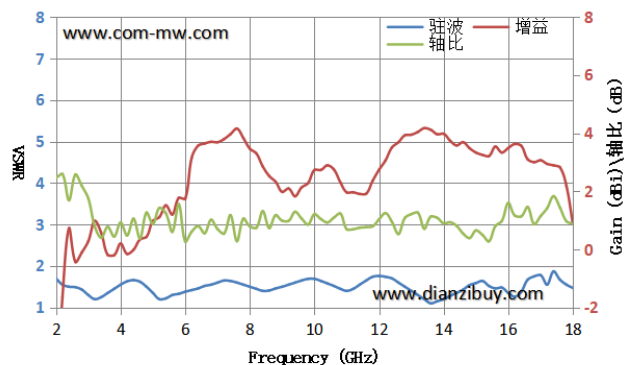
## Configuration(mm)



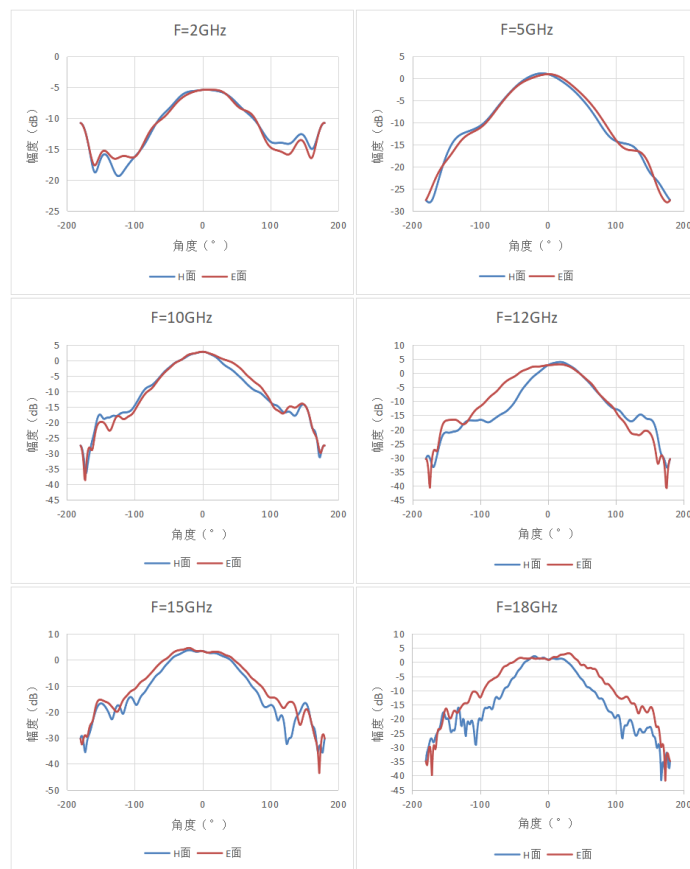
## Reference picture



## Typical test curve



## Typical antenna pattern



Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

**Note**

Private disassembly by unprofessional personnel may worsen or even broken the antenna.

Make sure no obstacle or high electromagnetic radiation appears near the antenna.

It is strictly prohibited to install and use antenna in the thunderstorm outside, and the lightning protection facilities are necessary.

Please do not discard the antenna casually since it contains electronic components.