

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.

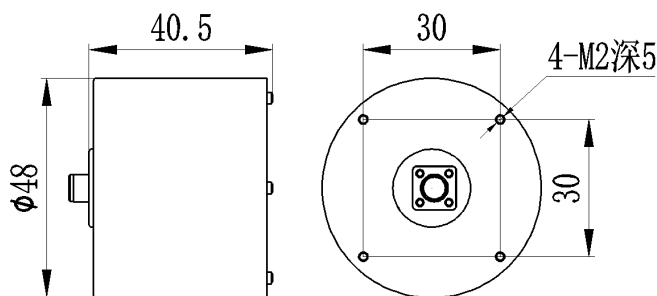
Main specifications

Parameters	Min	Typical	Max	Units
Frequency	2	~	18	GHz
Gain	-4			dBi@2-4GHz
Gain	0			dBi@4-12GHz
Gain	2			dBi@12-18GHz
VSWR		2.5		
3dB Beamwidth	50			°
AR		2.5		dB

Other parameters

Polarization	Left-hand circular polarization
Connector	SMA-K
Outline size	48*48*40.5mm
Estimated weight	0.15Kg
Surface	Grey
Operation Temp.	-55~+85°C Design assurance

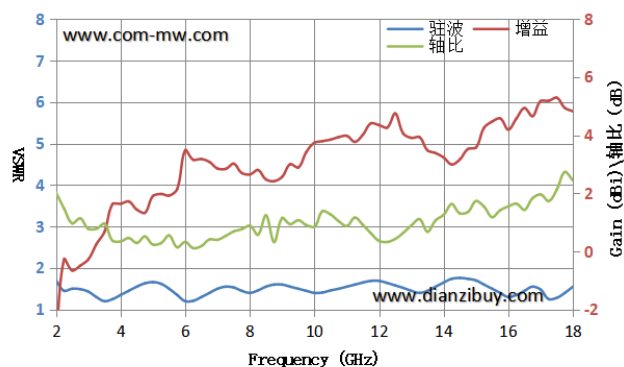
Configuration(mm)



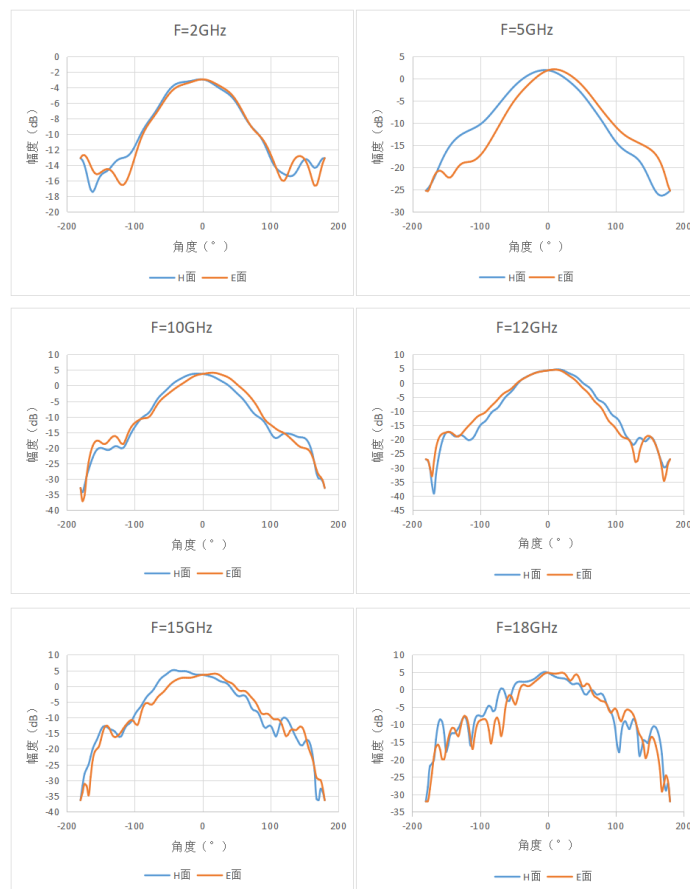
Reference picture



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.