

5G12 Specification

12 dBi PCB Antenna

1. Feature

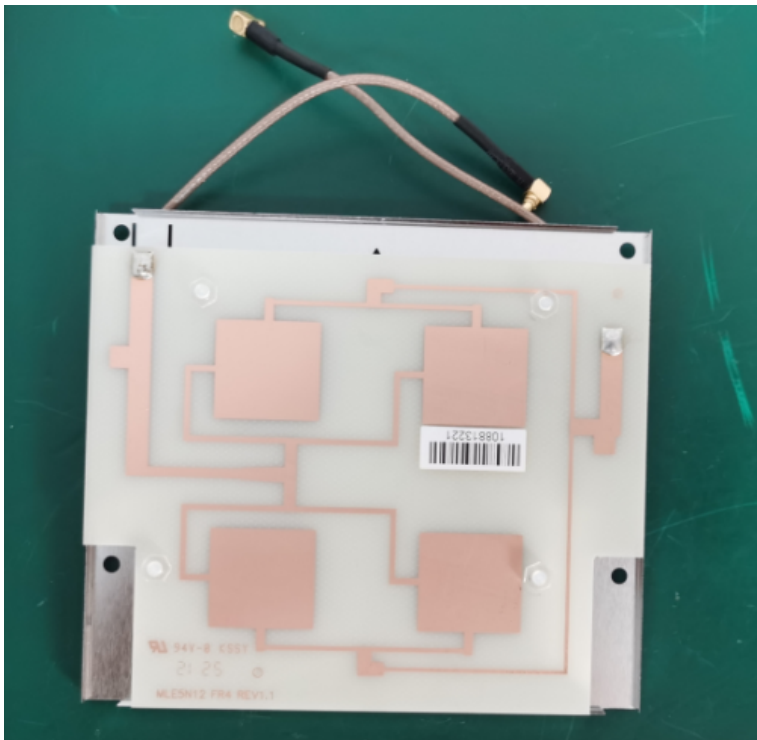
- * 12dBi Dual Polarized Microstrip Antenna Array
- * 5 GHz of frequency
- * MMCX connector
- * Support 802.3 11 AX/AC/AN
- * AN RoHS compliance

2. Application

- * 5 GHz Wireless Communication
- * WLAN device, WLAN Router, e. g. , AP, PIC Wireless Card

3. Description

This antenna array is designed for 5GHz applications and can be easily built-in portable devices with MHF processes. It has excellent stability and sensitivity to consistently provide high signal reception efficiency.



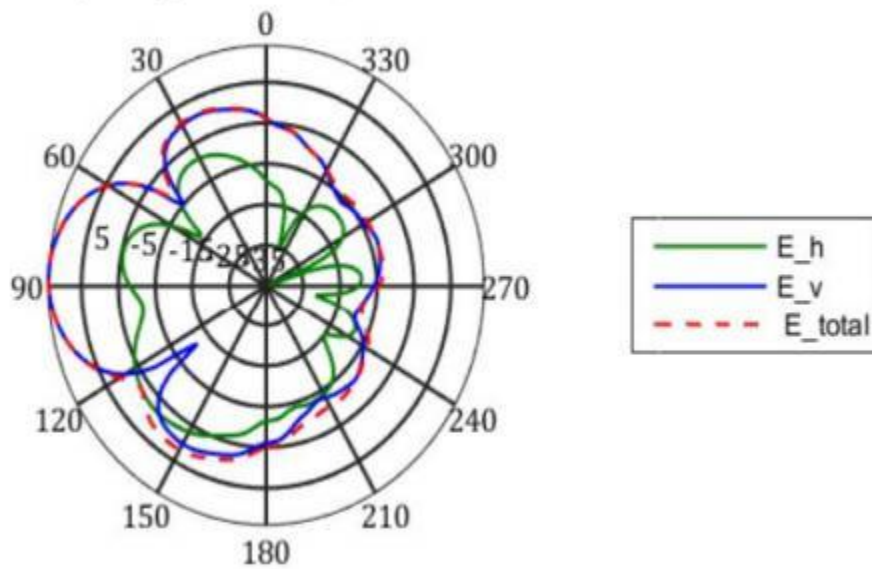
4. General Data

Product Name	Dual Polarized Micro strip Antenna Array
Part No.	5G12
Frequency	5180MHz~5825MHz
V. S.W.R	< 2
Gain	12dBi
Poarization	Vertical & horizontal
Isoation	>30dB
Storage Temp	-20°C~70°C
O p e r a t i n g Temperaure	-20°C~60°C
Antenna Type	PCB Antenna
Dmenson	
Wei ht	
Producer	SilverNet Limited

5. Typical Electrical Characteristics

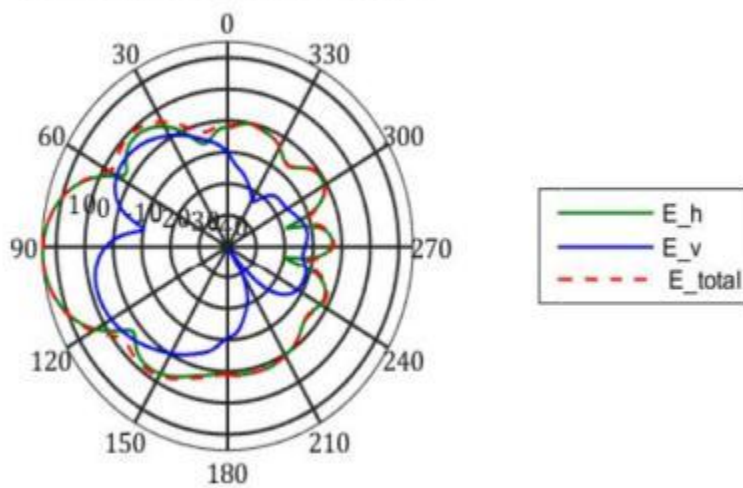
Port 1

frequency=5500MHz, X-Y Plane



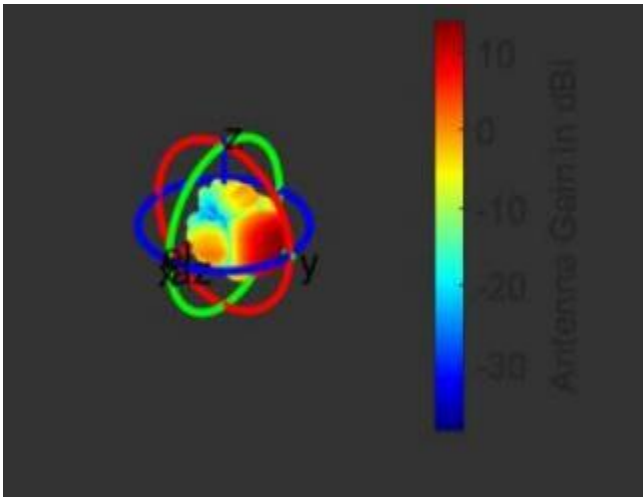
Port 2

frequency=5500MHz, X-Y Plane



3D Polar Plots

Port 1



Port 2

