

600MHz-6000MHz 5G Antenna

TEL0143

Product Overview

01/09/2023

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot 600-6000MHz 5G Antenna is a highly efficient antenna delivering excellent peak gain throughput for access points, terminals, and routers. This TEL0143 antenna works on all major cellular (5G/4G/3G/2G) frequency bands. The 5G antenna operates within a temperature range of -40°C to 85°C , and a frequency range of 600MHz to 6000MHz with 50 Ω impedance and 5dBi gain.

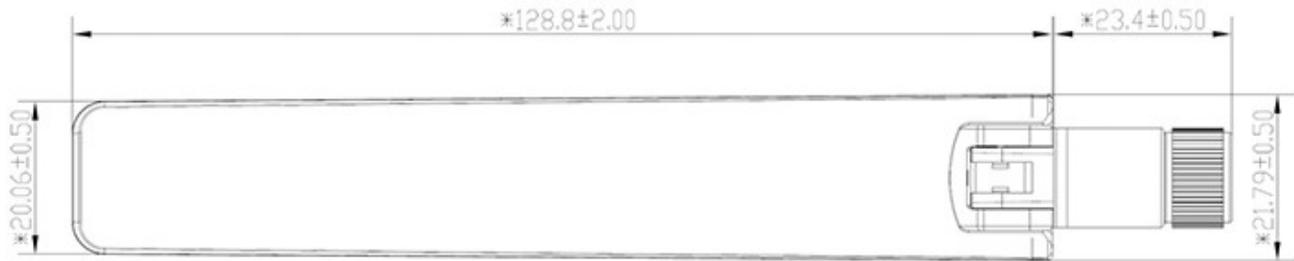
The 600-6000MHz 5G antenna is capable of enhancing WiFi and 5G signals, transmitting and receiving signals, and improving network quality. The module supports 90° bending and flexible pointing and is backward compatible with 5G/4G/3G/2G cellular applications, like 5G, LTE, GSM, UMTS, Wi-Fi, etc.



Features

- 600MHz to 6000MHz frequency range
- 3.3GHz center frequency
- 50 Ω impedance
- <3 standing wave ratio
- 5dBi gain
- SMA connector
- 11.5mm, IPEX4 generation connection wire
- -40°C to 85°C operating temperature range
- Non-condensing 65°C , 95% RH humidity
- 152mm x 21.79mm x 96mm dimensions
- Whip mechanical style
- Blade tilt or swivel style
- Mounting style:
 - Panel mount
- Termination style:
 - Connector
- Antenna connector style:
 - SMA male

Dimensions (mm)



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.in/new/dfrobot/dfrobot-5g-antenna/>