

4G SMA-M Flat Blade 5dBi Antenna



Overview

The Flat Blade Antenna is a compact 4G/LTE panel antenna engineered for reliable wireless connectivity across the 698–960 MHz and 1710–2690 MHz bands. With 5dBi of gain and an omnidirectional radiation pattern, it delivers consistent signal performance for a wide range of communication applications.

Built around a durable PCB radiator in a black radome housing, the antenna terminates in a standard SMA male connector and is rated from -20°C to $+85^{\circ}\text{C}$, making it suitable for a wide range of 4G/LTE devices and installations.

Key Features



Dual-Band Frequency Coverage

Operates across 698–960 MHz and 1710–2690 MHz for broad 4G/LTE compatibility.



5dBi Gain

Vertically polarized PCB radiator delivers 5 dBi of gain for extended range.



Low VSWR

Voltage standing wave ratio of 2.0 or better across the full operating band.



Wide Operating Temperature Range

Rated for continuous operation from -20°C to $+85^{\circ}\text{C}$, storage to -40°C .



Omnidirectional Radiation

360° omnidirectional pattern ensures consistent coverage in every direction.



SMA Male Connector

Standard SMA male termination for simple, secure installation.

Electrical Specifications

Frequency Range	698-960 / 1710-2690MHz
Input Impedance	50Ω
VSWR	≤2.0
Gain	5dBi
Polarization Type	Vertical
Radiation Direction	Omnidirectional
Max Input Power	50W

Environment

Storage	-40°C ~ +85°C
Working	-20°C ~ +85°C

Certification

RoHS

Mechanical

Antenna Length	195 x 38 x 6.2mm
Radiator	PCB
Connector Type	SMA Male
Radome Colour	Black
Weight	33g

Ordering Information

Part Number	HTL-NET-ANT-4GKB_01
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Unit Structure

单位: MM
比例: 1:1

