

DATASHEET

Wi-Fi 2.4GHz - 5GHz Antenna ANTS245005002M01



DESCRIPTION

This Wi-Fi 2.4-5G Antenna (Model: ANTS245005002M01) delivers a powerful 5dBi gain and supports a wide frequency range from 2.4GHz to 5.8GHz, making it ideal for various wireless applications. With its toroidal omni-directional radiation pattern and vertical polarization, it ensures stable, all-around signal coverage. Designed with a compact form factor, SMA connector, and durable RG178 cable, it withstands harsh operating and storage temperatures. Whether for indoor or outdoor use, this antenna is the perfect choice to enhance your wireless network performance!

SPECIFICATIONS OVERVIEW

Electrical Performance	
Frequency Range	2.4 ~ 5.8 GHz
Impedance	50 Ohms (nominal)
VSWR	≤ 1.92
Gain	2.4GHz ~ 2.5GHz: Gain: 3.5dBi +/- 1dBi / 4.9GHz ~ 5.9GHz: Gain: 5.5dBi +/- 1dBi
Maximum Input Power	1W
Radiation Pattern	Toroidal
Radiation Directionality	Omni-directional
Polarization	Vertical
Connector Type	SMA P/R
Mechanical Properties	
Antenna Cable	RG178, 50 Ohm
Operating Temperature Range	-20°C ~ +70°C
VSWR	≤ 1.92
Gain	5 dBi

