

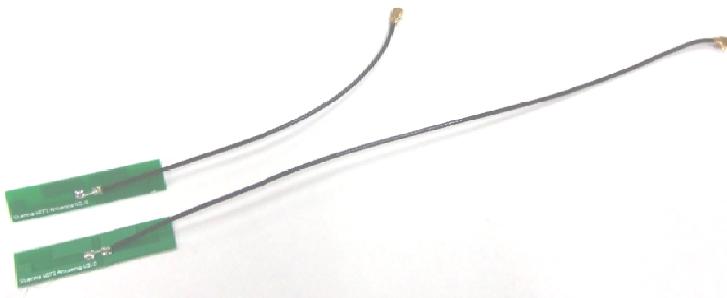


GES Singapore Pte Ltd (Member of the Venture Group of Companies)

Internal Wireless Device Antenna

Type: Omni-directional

Model: M01-50908010-R, M01-50908011-R



PCB INTERNAL WIRELESS DEVICE ANTENNA

The antennas are specifically designed to be embedded inside Wi-Fi & Bluetooth devices. The antennas feature wide bandwidth to enhance the performance and application of portable wireless devices based on standards 802.11 and Bluetooth.

FEATURES

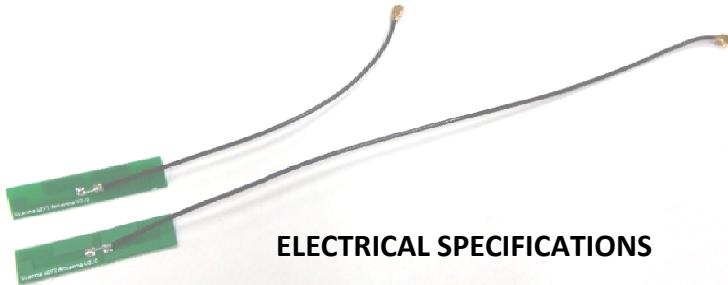
- EU and China ROHS
- UL 94V-0 PCB material and Coaxial cable with MHF IPEX connector
- Covers 2.4GHz for 802.11b/g, 5GHz for 802.11a, as well as Bluetooth

MARKETS

- IEEE 802.11a/b/g Wi-Fi devices
- Bluetooth devices



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ELECTRICAL SPECIFICATIONS

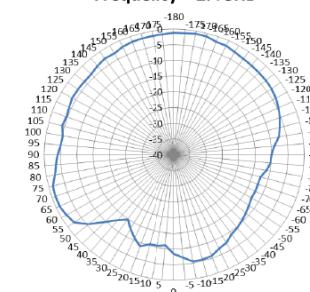
Frequency Range (MHz)	2.4GHz – 2.485GHz 4.9GHz – 6.0GHz
Peak Gain	2 dBi Max
Polarization	Linear
Impedance	50ohms
Input Power	2 Watts
Input Connection	Integrated Coaxial Cable
VSWR	< 2.5:1
Dimensions	37mm x 8mm
Material	FR4

CABLE AND CONNECTORS

Model Name	Cable	Connector
M01-50908010-R	Length 100mm, Ø1.13mm	MHF IPEX Connector
M01-50908011-R	Length 180mm, Ø1.13mm	MHF IPEX Connector

ELEVATION PATTERNS, PHI=0

Frequency = 2.4GHz



Frequency = 5.2GHz

