

Product: HPAL110/2.4-5.8

Product Order Code:
BM-02565/2.4-5.8

Hinged WIFI Dual Band Connector Mounted Antenna

WLAN, WIFI, BLUETOOTH, ZIGBEE, ISM

- Compact robust dualband monopole antenna
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



Technical Data

Dimensions	110mm (Overall Height) x 10.1mm (D) Base Diameter
Weight	34g
Construction Materials	Base - Black SMA / Cover - UV Stable ABS
Mounting Arrangement	Direct Mounted SMA Male Connector Ground Plane Dependent
Temperature Range	-40 to +85° C
Protection Class	IP55

WLAN / WIFI / BLUETOOTH / ZIGBEE / ISM

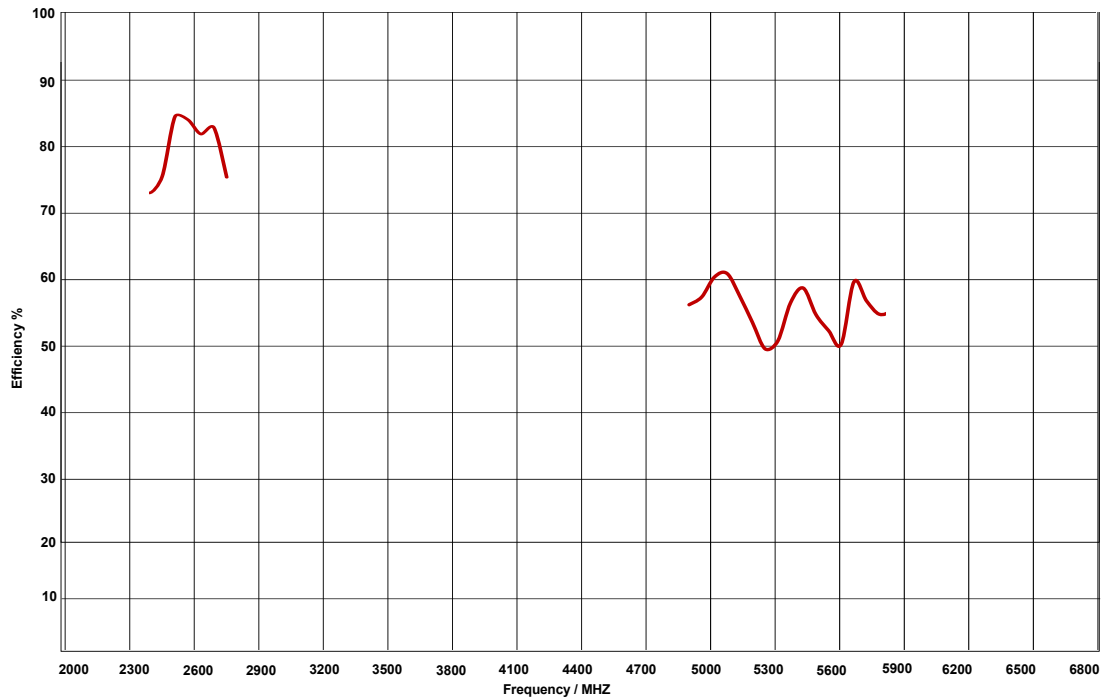
Frequency Range	Bluetooth: IEEE Standard 802.11b	2400 MHz - 2484 MHz 2412 MHz - 2500 MHz 4900 MHz - 5825 MHz
Impedance		50 Ohm
Polarisation		Linear
Radiation Pattern		Omni-directional
VSWR		<2:1
Maximum Gain		@ 2400 MHz: 1.80 dBi @ 2450 MHz: 1.85 dBi @ 2500 MHz: 2.20 dBi @ 5800 MHz: 4.22 dBi
Average Gain		3.0 dBi
Input Power		25w (Maximum)
Connector		SMA MALE
Test & Measurement Conditions		300mm x 300mm Ground Plane

dBi: Referenced to an isotropic radiator

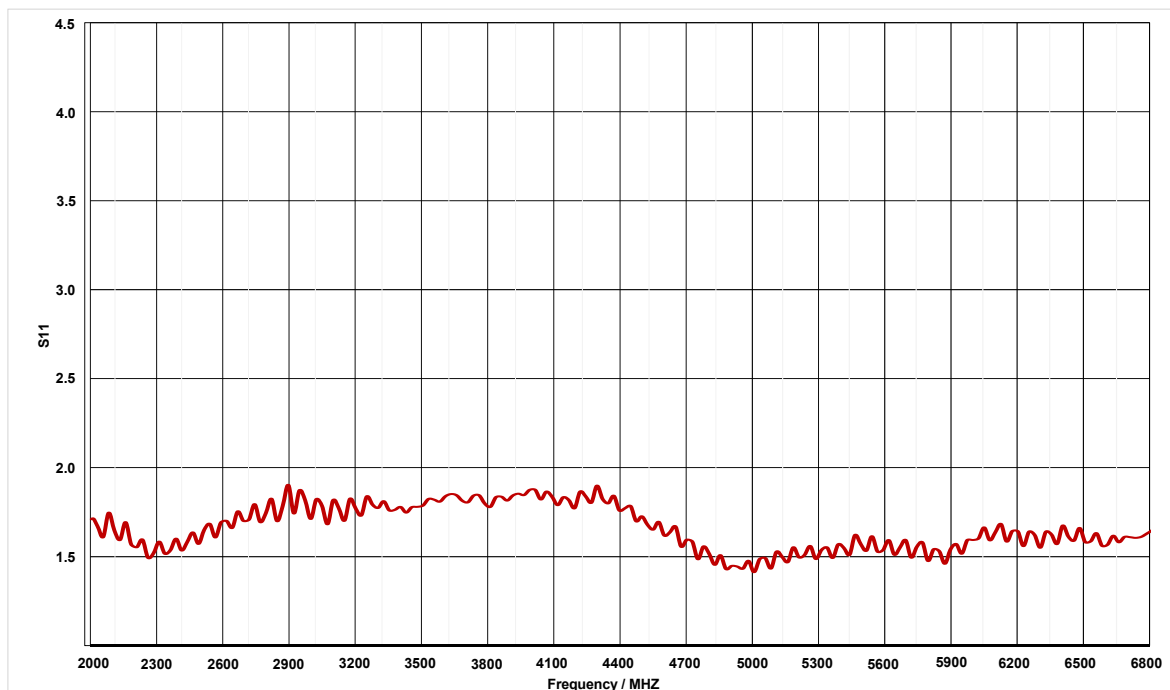
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Radiated Efficiency



Typical VSWR Data



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CAD Data

