

Product: PALO/ST/2.4-5.8

Product Order Code:

BM-02238/ST/2.4-5.8

WIFI 2.4GHz - 5.8GHz Dual Band Connector Mounted Antenna Reverse Polarity

WLAN, WIFI, BLUETOOTH, ZIGBEE, ISM

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



Technical Data

Dimensions	67mm (Overall Height) x 7mm (D)
Weight	12g
Construction Materials	Base - Gold Plated Brass / Cover - UV Stable ABS
Mounting Arrangement	Direct Mounted SMA Male Reverse Polarity 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; 0 dBi @ 2450 MHz; 1.2 dBi @ 2500 MHz; 1.6 dBi @ 5800 MHz; 2.14 dBi
Average Gain		1.6 dBi
Input Power		25w (Maximum)
Connector		SMA MALE REVERSE POLARITY
Test & Measurement Conditions		300mm x 300mm Ground Plane

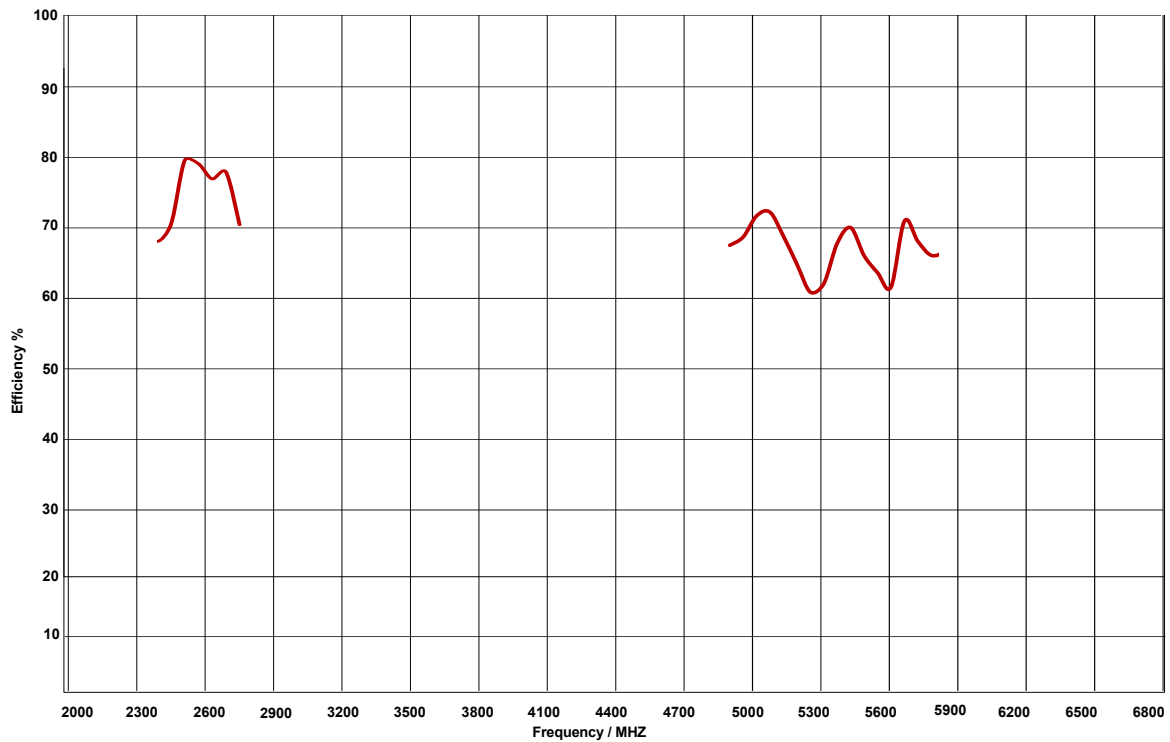
dBi: Referenced to an isotropic radiator

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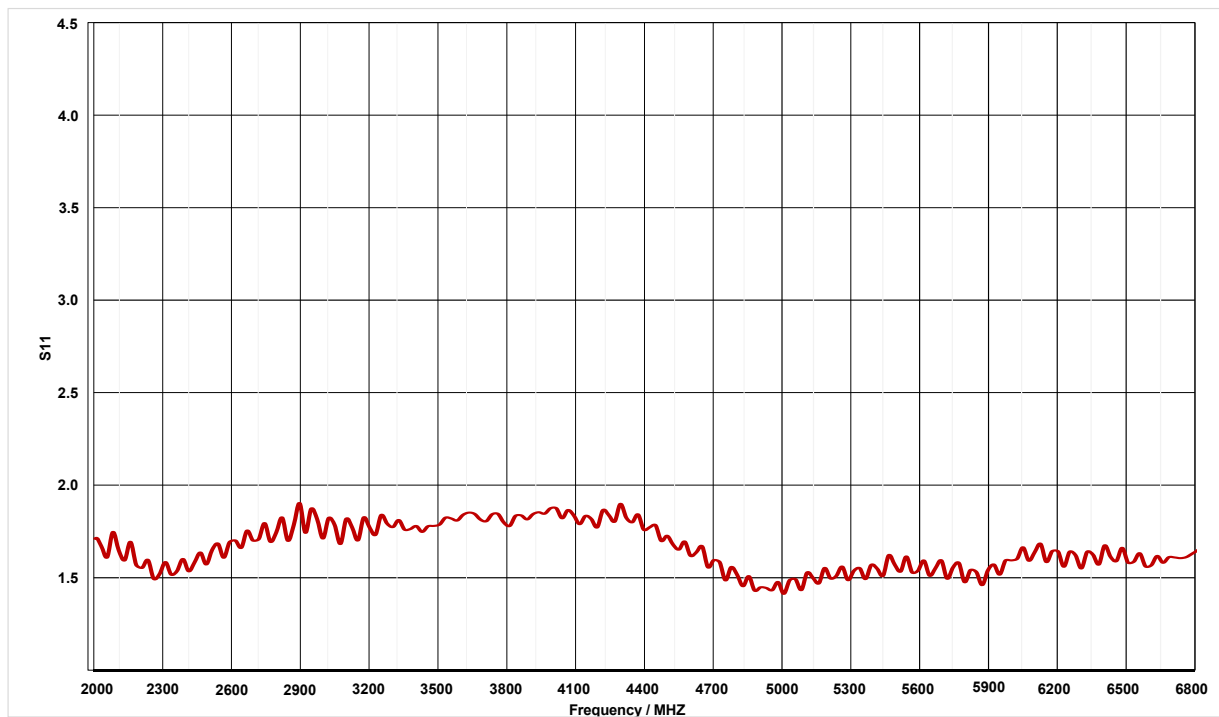
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Radiated Efficiency



Typical VSWR Data



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CAD Data

