

Product: CASCO WIFI

Product Order Code:
BM-02 RANGE

Rugged Wideband Body Mounted Antenna

WLAN, WIFI, BLUETOOTH,
ZIGBEE, ISM



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

Technical Data

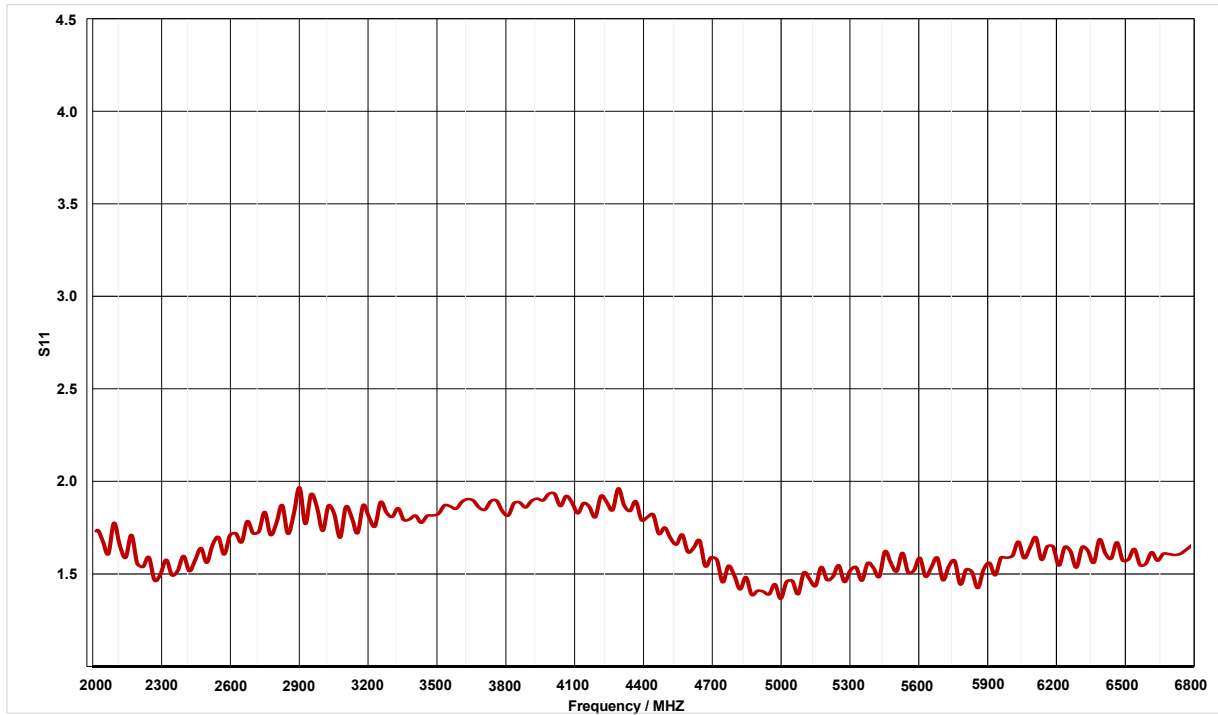
Dimensions	35mm (H) Above panel height x 68mm Diameter (Base)	
Weight	160g (Excluding cable)	
Construction Materials	PC/ABS UL94 V0 UV Stable	
Mounting Arrangement	M20 Thread to Stainless Steel Nut Ground Plane Dependent	
Temperature Range	-40 – +85° C	
Protection Class	IP67 / IK09 (IEC 60529)	
WLAN / WIFI / BLUETOOTH / ZIGBEE / ISM		
Frequency Range	Bluetooth: IEEE Standard 802.11b	2400 MHz - 2484 MHz 2412 MHz - 2500 MHz 4900 MHz - 5825 MHz
Peak Gain	@ 2400 MHz; 5.20 dBi @ 2450 MHz; 5.31 dBi @ 2500 MHz; 4.95 dBi @ 4900 MHz: 4.84 dBi	
Average Gain	5.14 dBi	
Impedance	50 Ohm	
Polarisation	Linear	
Radiation Pattern	Omni-directional	
VSWR	<2:1 (All Bands)	
Input Power	25w (Maximum)	
Cable / Connector	According to customer specification	
Test & Measurement Conditions	300mm x 300mm Ground Plane	

dBi: Referenced to an isotropic radiator

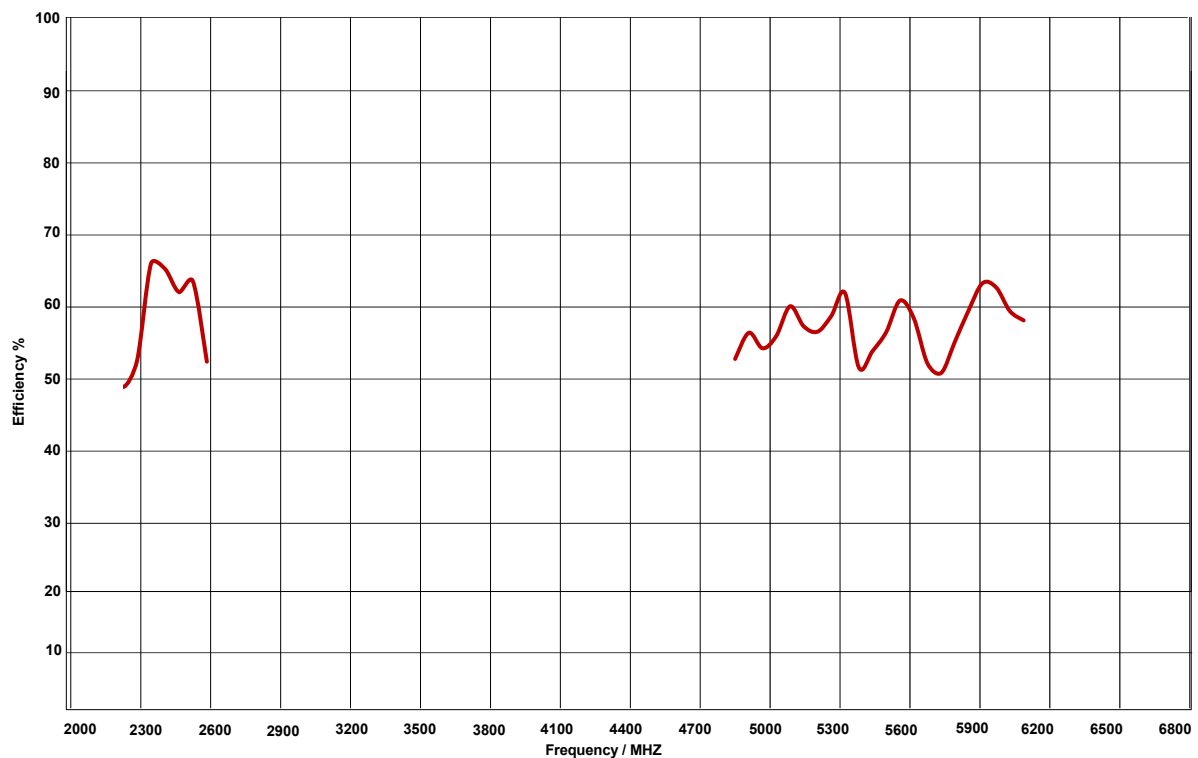
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Typical VSWR Data (WIFI)



Radiated Efficiency (WIFI)



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CAD Data

