

Product: REM M LTE

Product Order Code:

BM-02 RANGE

Low Profile Magnetic Mounted Antenna

LTE-4G, CELLULAR (2G, 3G)

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



Technical Data

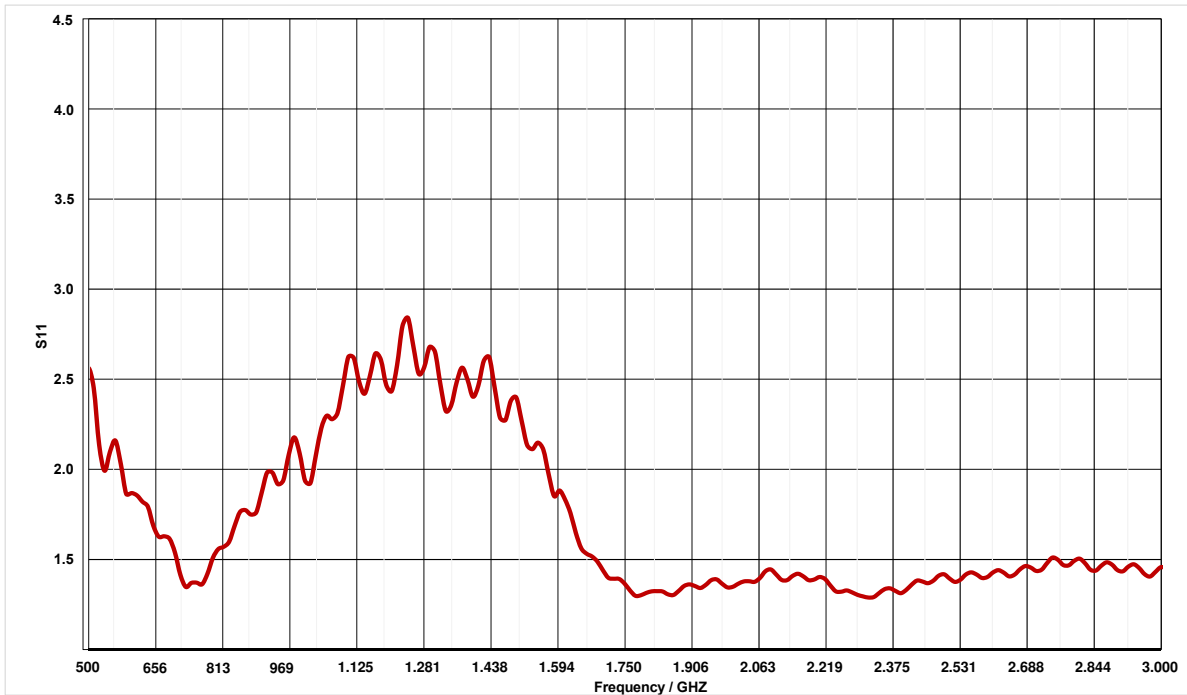
Dimensions	79mm x 74mm x 15.3mm (H)	
Weight	85g (Excluding cable and connector)	
Construction Materials	PC/ABS UL94 V0 / UV Stable	
Mounting Arrangement	Magnetic Ground Plane Dependent	
Temperature Range	-40 to +85 Degree C	
Protection Class	IP67 (IEC 60529)	
Cellular LTE / 2G / 3G		
Frequency Range	LTE 700 + GSM 900 GSM 1800 MTS WLAN + LTE (High)	698 - 960 MHz 1710 - 1880 MHz 1920 - 2170 MHz 2300 - 2700 MHz
Impedance	50 Ohm	
Polarisation	Linear	
Peak Gain	LTE 700 & GSM 900 GSM 1800 MTS WLAN + LTE (high)	@ 790-960 MHz 3.8dBi @ 1710-1880 MHz 2.14dBi @ 1920-2170 MHz 2.14dBi @ 2300-2700 MHz 2.14dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30 Celsius	LTE 800 & GSM 900 GSM 1800 MTS WLAN + LTE (high)	25 Watts @ 790-960 MHz 25 Watts @ 1710-1880 MHz 25 Watts @ 1920-2170 MHz 25 Watts @ 2300-2700 MHz
Return loss (VSWR)	<2:1 (All Featured Bands)	
Radiator Type	Dipole	
Cable types Available	LL100 50 Ohm Low Loss / RG174 / RG316	
Cable Length	According to customer specification	
Connector	According to customer specification	
Test & Measurement Conditions	300mm x 300mm x 2mm Steel / 1m LL100 Cable / SMA Male connector	

dBi Referenced to an isotropic radiator

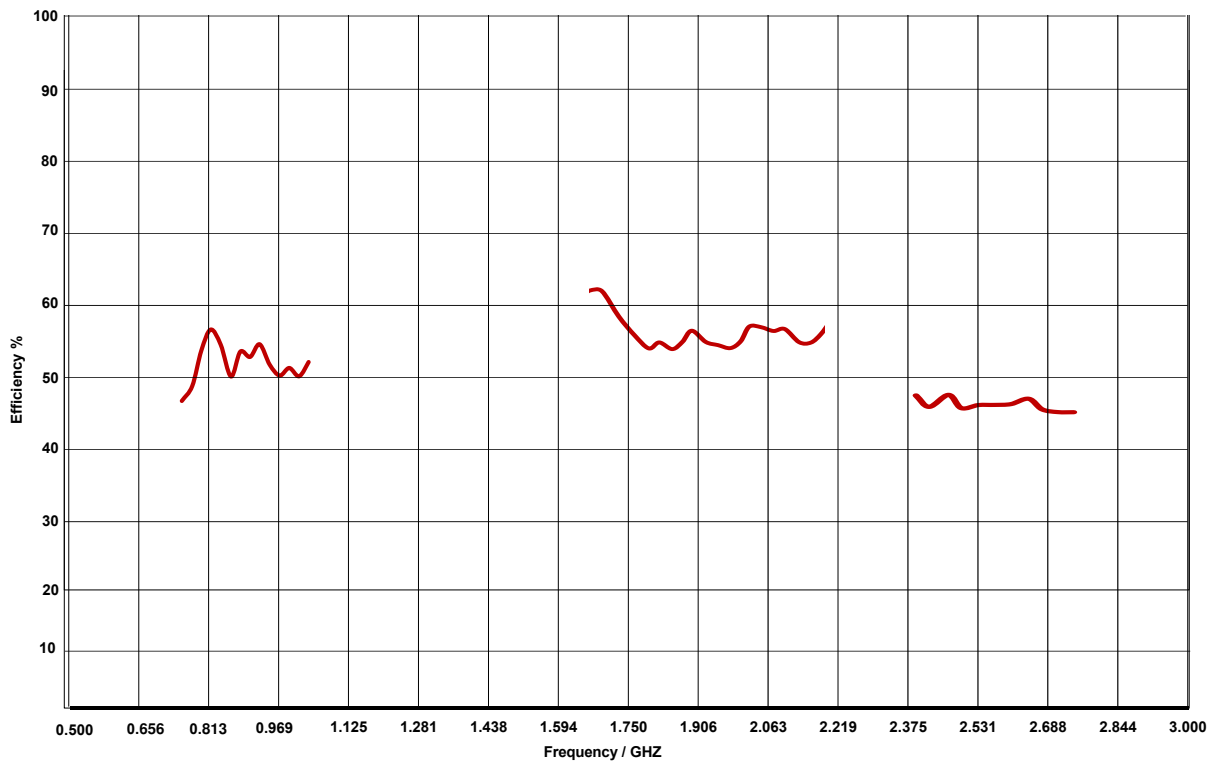
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Typical VSWR Data



Radiated Efficiency



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CAD Data

