

Wideband Magnetic Mounted Antenna

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

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



Technical Data

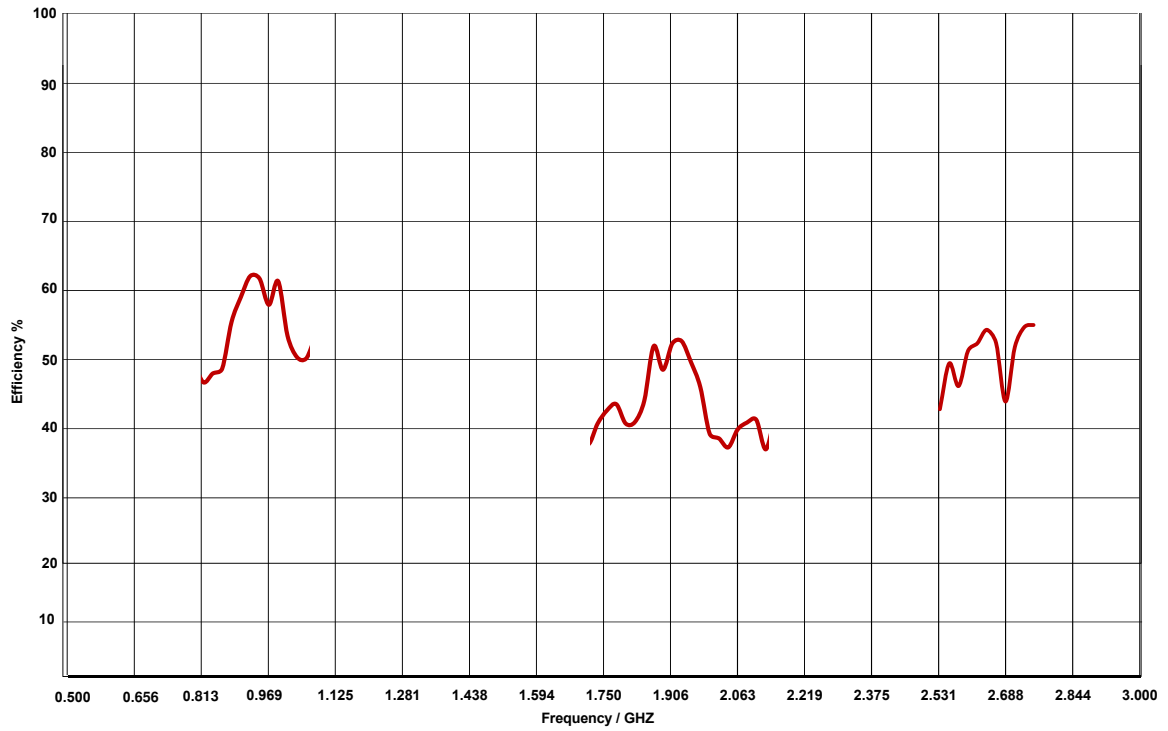
Dimensions	88mm (H) x 29mm (D) Base Diameter	
Weight	62g (excluding cable & connector)	
Construction Materials	Polypropylene (Base) / Brass (Whip)	
Mounting Arrangement	Magnetic Fix upon any metallic surface	
Temperature Range	-40 to +85° C	
Protection Class	IP66 (IEC 60529)	
Cellular LTE / 2G / 3G		
Frequency Range	LTE 700 + GSM 900:	698 - 960 MHz
	GSM 1800:	1710 - 1880 MHz
	UMTS:	1920 - 2170 MHz
	LTE (High):	2500 - 2700 MHz
Impedance	50 Ohm	
Polarisation	Linear	
Average Gain	LTE 700 + GSM 900:	@ 790-960 MHz; 2.14dBi
	GSM 1800:	@ 1710-1880 MHz; 0dBi
	UMTS:	@ 1920-2170 MHz; 0dBi
	LTE (High):	@ 2500-2700 MHz; 0dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30°C	LTE 700 + GSM 900:	35 Watts @ 790-960 MHz
	GSM 1800:	35 Watts @ 1710-1880 MHz
	UMTS:	35 Watts @ 1920-2170 MHz
	LTE (High):	35 Watts @ 2300-2700 MHz
Return loss (VSWR)	≤ 2.2:1 (All Bands)	
Radiator Type	Monopole	
Cable types Available	LL100 50 Ohm Low Loss / RG174 50 Ohm	
Cable Length	According to customer specification	
Connector	According to customer specification	
Test & Measurement Conditions	300mm x 300mm Ground Plane / 1000mm LL100 / SMA MALE	

dBi: Referenced to an isotropic radiator

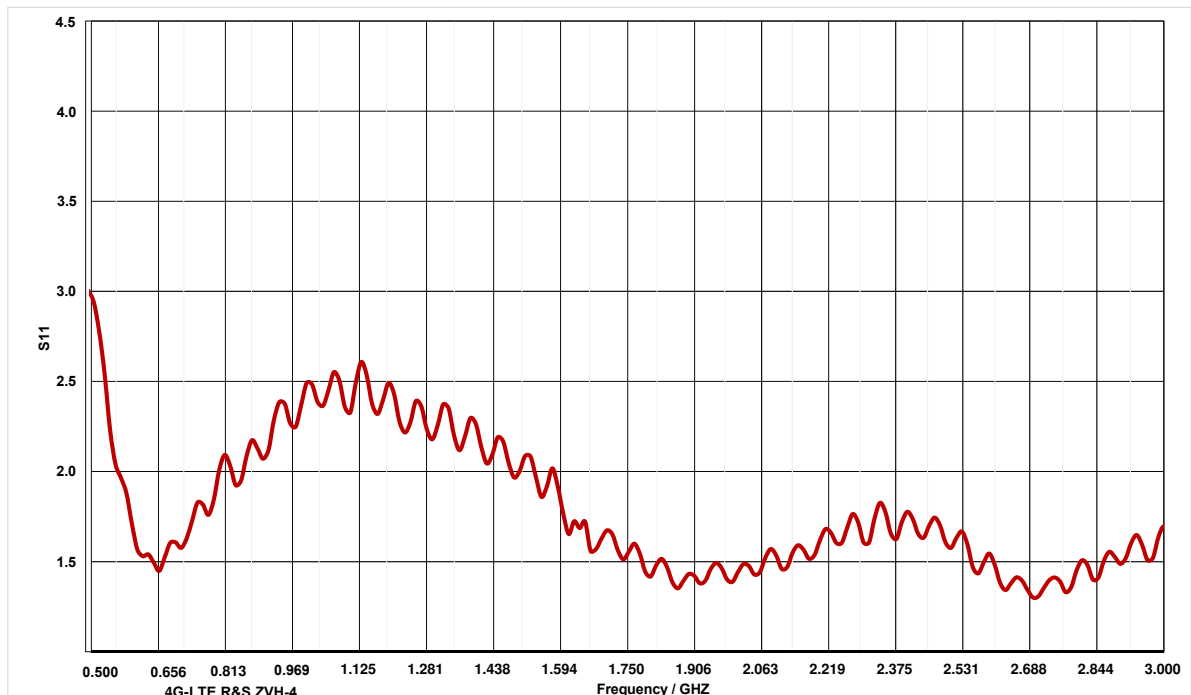
Product: MAG RW-N88

Product Order Code:
BM-02 RANGE

Radiated Efficiency



Typical VSWR (LTE)



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BM-02 RANGE

CAD Data

