

Product: MAG FW-A 4G/LTE

Product Order Code:
BM-02 RANGE

Wideband Magnetic Mounted Antenna

LTE-4G, CELLULAR (2G, 3G), WLAN 2.4GHz

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



Technical Data

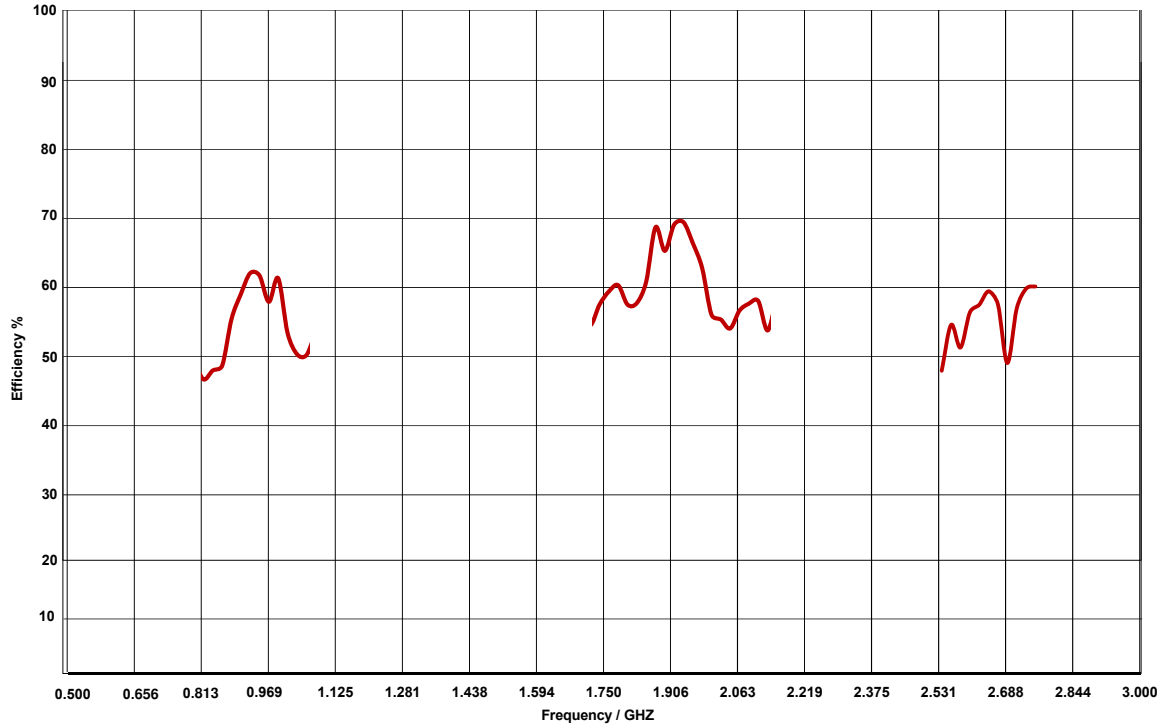
Dimensions	100mm (H) x 29mm (D) Base Diameter	
Weight	98g (excluding cable & connector)	
Construction Materials	Nylon 6 Black	
Mounting Arrangement	Magnetic Fix upon any metallic surface	
Temperature Range	-40 to +85° C	
Protection Class	IP66 (IEC 60529)	
Cellular LTE / 2G / 3G		
Frequency Range	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	698 - 960 MHz 1710 - 1880 MHz 1920 - 2170 MHz 2300 - 2700 MHz
Impedance	50 Ohm	
Polarisation	Linear	
Average Gain	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	@ 790-960 MHz; 2.14dBi @ 1710-1880 MHz; 2.14dBi @ 1920-2170 MHz; 2.14dBi @ 2300-2700 MHz; 2.14dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30°C	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	20 Watts @ 790-960 MHz 20 Watts @ 1710-1880 MHz 20 Watts @ 1920-2170 MHz 20 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

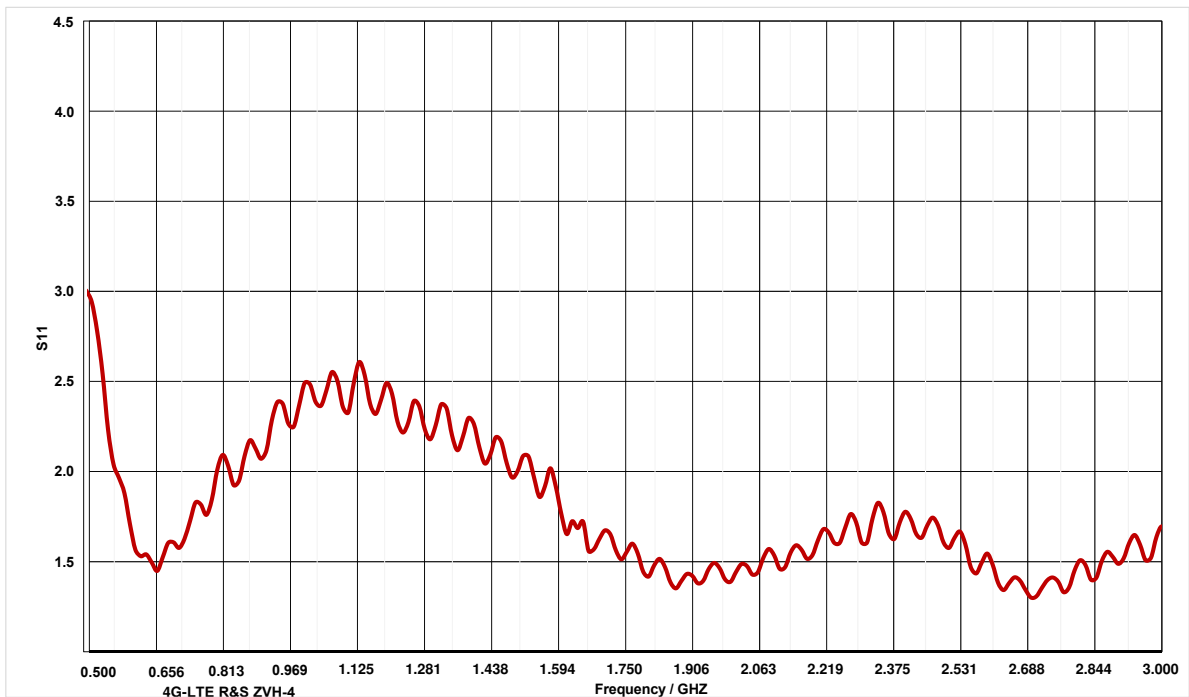
Product: MAG FW-A 4G/LTE

Product Order Code:
BM-02 RANGE

Radiated Efficiency



Typical VSWR (LTE)



Product: MAG FW-A 4G/LTE

Product Order Code:
BM-02 RANGE

CAD Data

