

Product: HG MAG A LTE

Product Order Code:
BM-02213/FME

High Gain Magnetic Mounted Antenna

4G-LTE, AMPS, GSM (2G,3G), UMTS

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



Technical Data

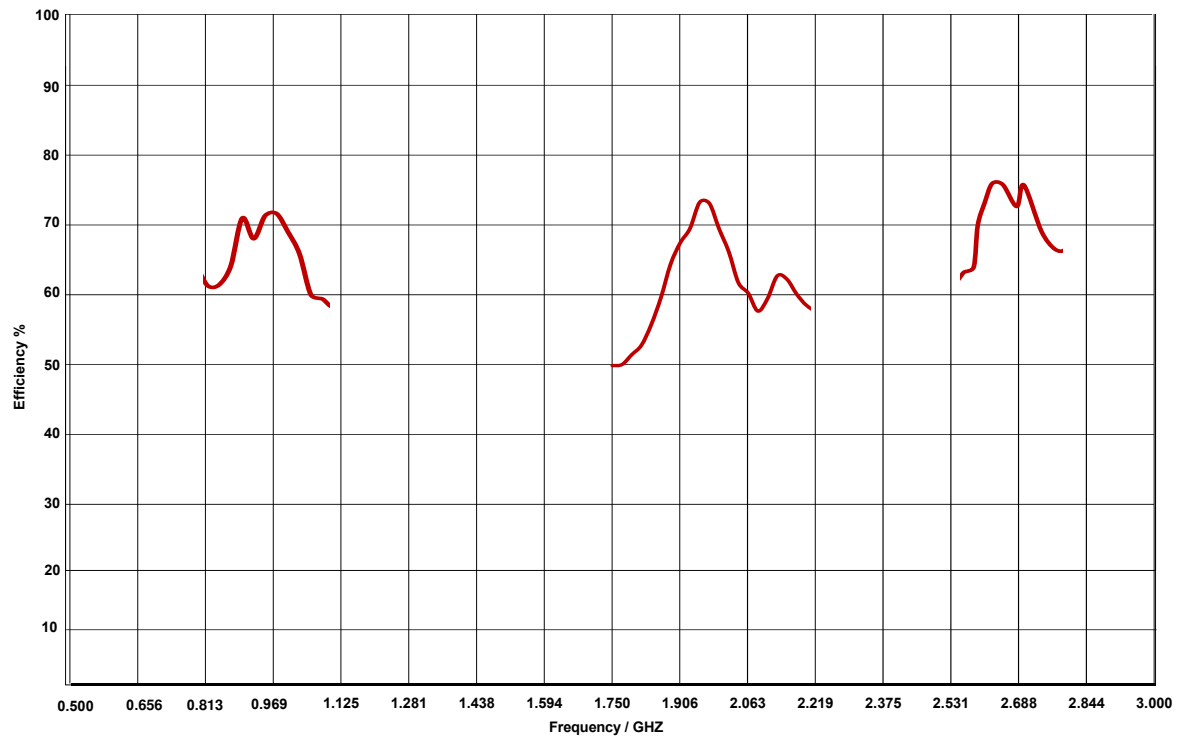
Dimensions	214.2mm (H) x 67mm (D) (Base)	
Weight	155g	
Construction Materials	Stainless Steel / ABS encapsulated ((Whip) ABS (Base)	
Mounting Arrangement	Magnetic - Free Space	
Temperature Range	-40 to +85° C	
Protection Class	IP65 (IEC 60529)	
Cellular LTE / 2G / 3G		
Frequency Range	LTE 700 + GSM 900: 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):	@ 698-960 MHz; 4.25dBi @ 1710-1880 MHz; 5.2dBi @ 1920-2170 MHz; 5.5dBi @ 2300-2700 MHz; 4.98dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30°C	LTE 700 + GSM 900: GSM 1800: UMTS: 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 Bands)	
Radiator Type	Monopole	
Cable types Available	LL195	
Cable Length	4000mm	
Connector	FME Female	
Test & Measurement Conditions	Free Space / 2000mm LL195 Cable / FME Female	

dBi: Referenced to an isotropic radiator

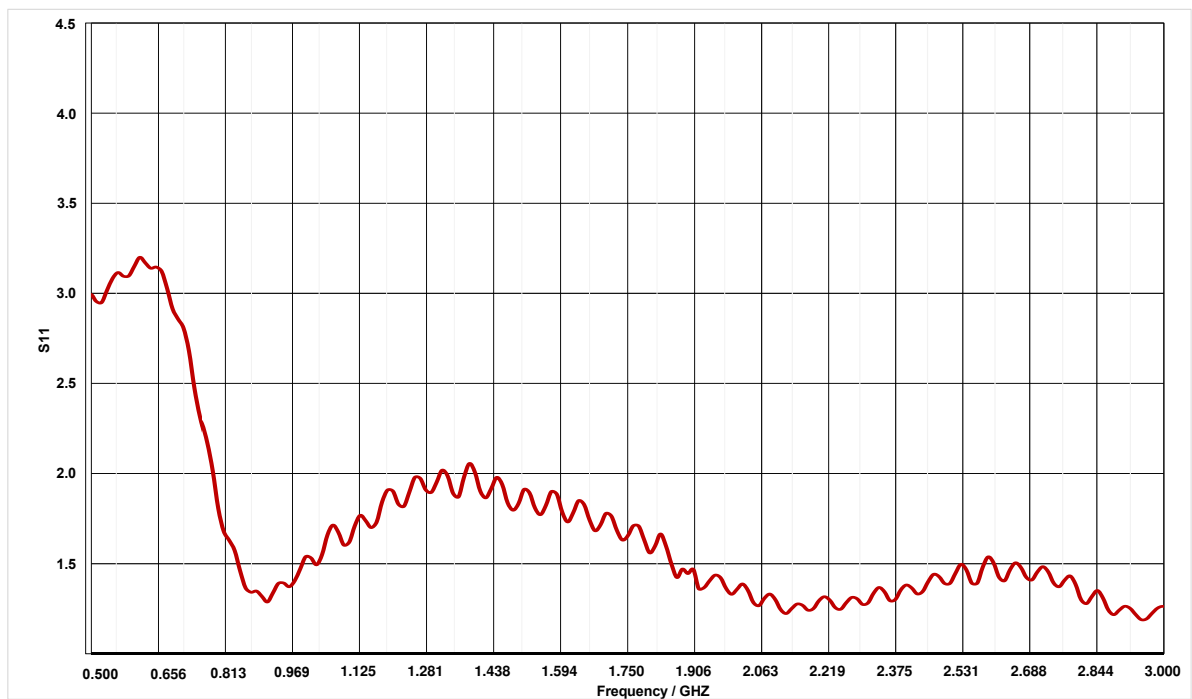
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Radiated Efficiency



Typical VSWR (LTE)



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