

Product: MIMO-PLUS LTE/5G

Product Order Code:
BM-02872

Rugged MIMO Wall & Pole Mounted Antenna

5G NR, LTE-4G, CELLULAR (2G, 3G)

- High efficiency, robust wide band antenna
- Approved for global network use
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



Technical Data

Dimensions	483mm (H) x 77mm (D) x 75mm (W)
Weight	1.264 kg
Construction Materials	UV Resistant ABS / Galvinised Steel Bracket
Mounting Arrangement	Wall Fixed or Pole Mounted (35-55mm Diameter)
Rated Wind Velocity	210km Per Hour
Temperature Range	-40 to +85° C
Protection Class	IP66

Cellular 5G NR / LTE / 2G / 3G

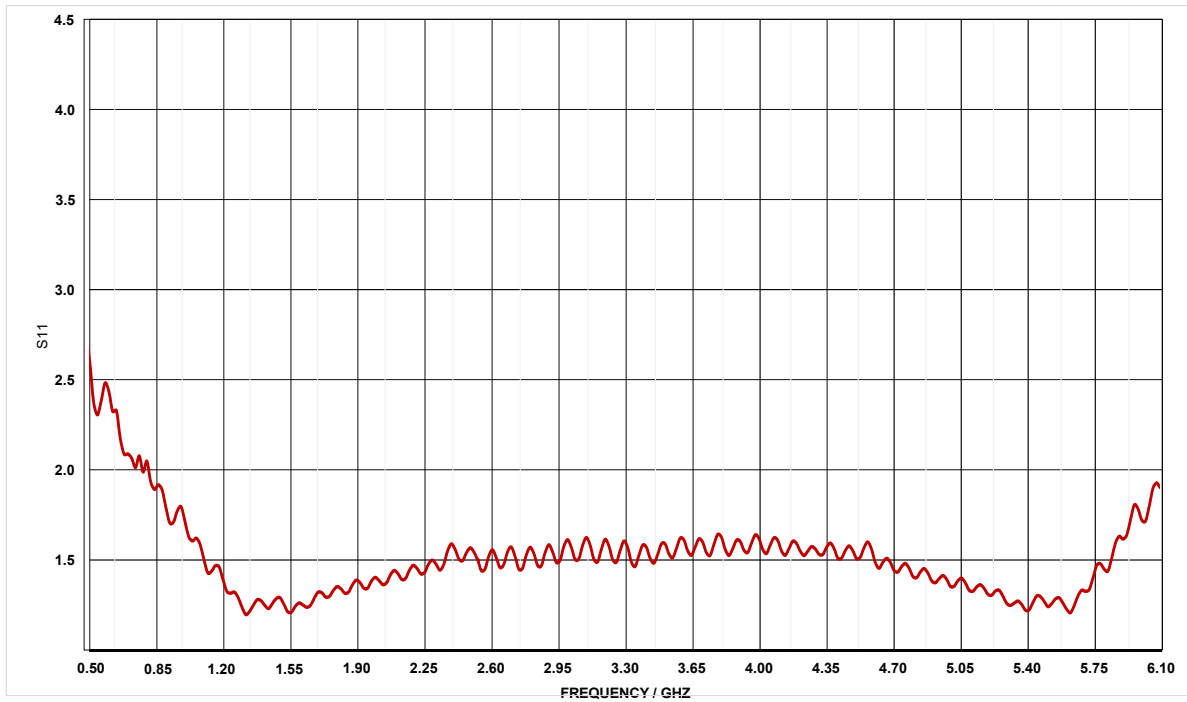
Frequency Standards	2G / 3G / 4G-LTE / 5G NR / CBRS / CAT-x / CAT-Mx / CAT-NBx / DCS / FirstNet / GSM 900 & 1800 / LPWA / NB-IOT / PCS / UMTS	
Frequency Range	5G NR + LTE 700 + GSM 900:	617 - 960 MHz
	5G NR + LTE + 3G + GSM 1800:	1427 - 2690 MHz
	5G NR + LTE + 3G:	3300 - 5000 MHz
	5G NR + LTE (High):	5150 - 5925 MHz
Impedance	50 Ohm	
Polarisation	Vertical	
Peak Gain (Elements 1 & 2)	5G NR + LTE 700 + GSM 900:	@ 617 - 960 MHz; 3.2dBi
	5G NR + LTE + 3G + GSM 1800:	@ 1427 - 2690 MHz; 7.2dBi
	5G NR + LTE + 3G:	@ 3300 - 5000 MHz; 5.1dBi
	5G NR + LTE (High):	@ 5150 - 5925 MHz; 5.1dBi
Radiation Pattern	Omni-Directional	
VSWR (Elements 1 & 2)	5G NR + LTE 700 + GSM 900:	@ 617 - 960 MHz; <2.5:1
	5G NR + LTE + 3G + GSM 1800:	@ 1427 - 2690 MHz; <1.6:1
	5G NR + LTE + 3G:	@ 3300 - 5000 MHz; <1.7:1
	5G NR + LTE (High):	@ 5150 - 5925 MHz; <2:1
Maximum Input Power @ 30°C	50 Watts	
Radiator Type	Folded Dipole (x2)	
Cable Type / Length	RG58 (White PVC Jacket) / 2 x 5000mm	
Connector	2 x SMA MALE	
Test & Measurement Conditions	Free Space (Pole Mounted)	

dBi: Referenced to an isotropic radiator

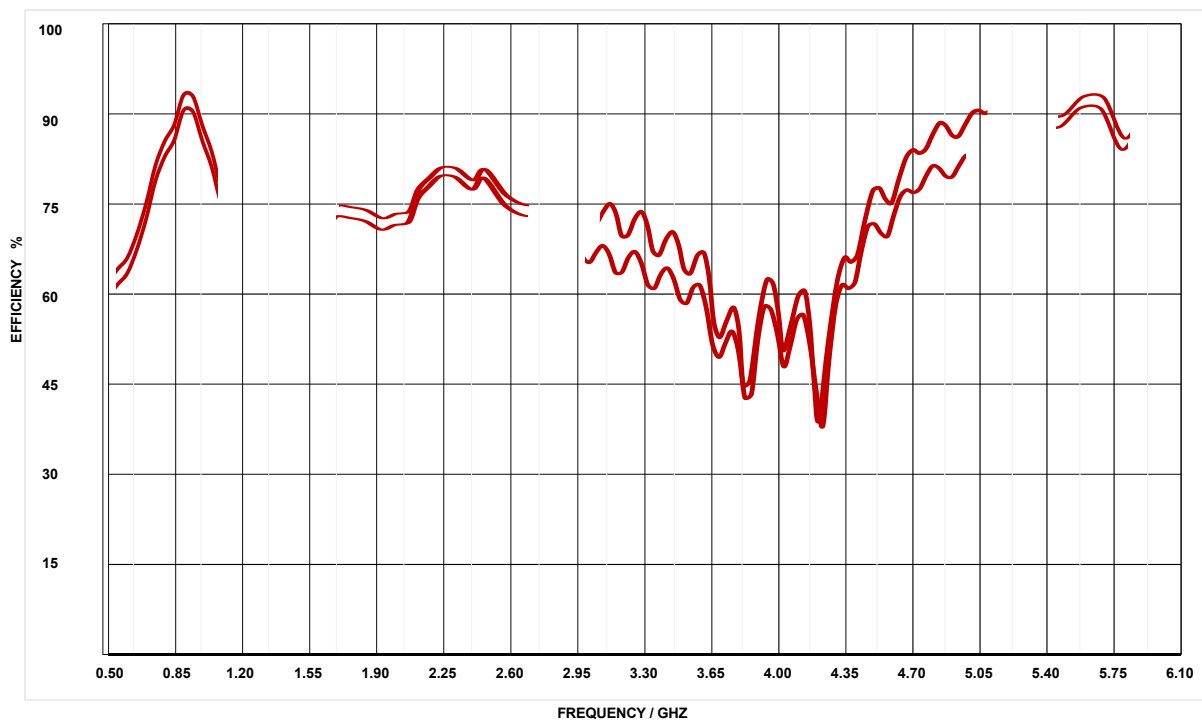
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VSWR Data



Radiated Efficiency - LTE Elements 1 & 2



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CAD Data

