

Product: LATERAL LTE

Product Order Code:  
BM-02948/3M/V2

## Wideband Wall Mounted IoT Antenna

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

- Bracket / wall mounted LTE IoT wideband antenna
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



### Technical Data

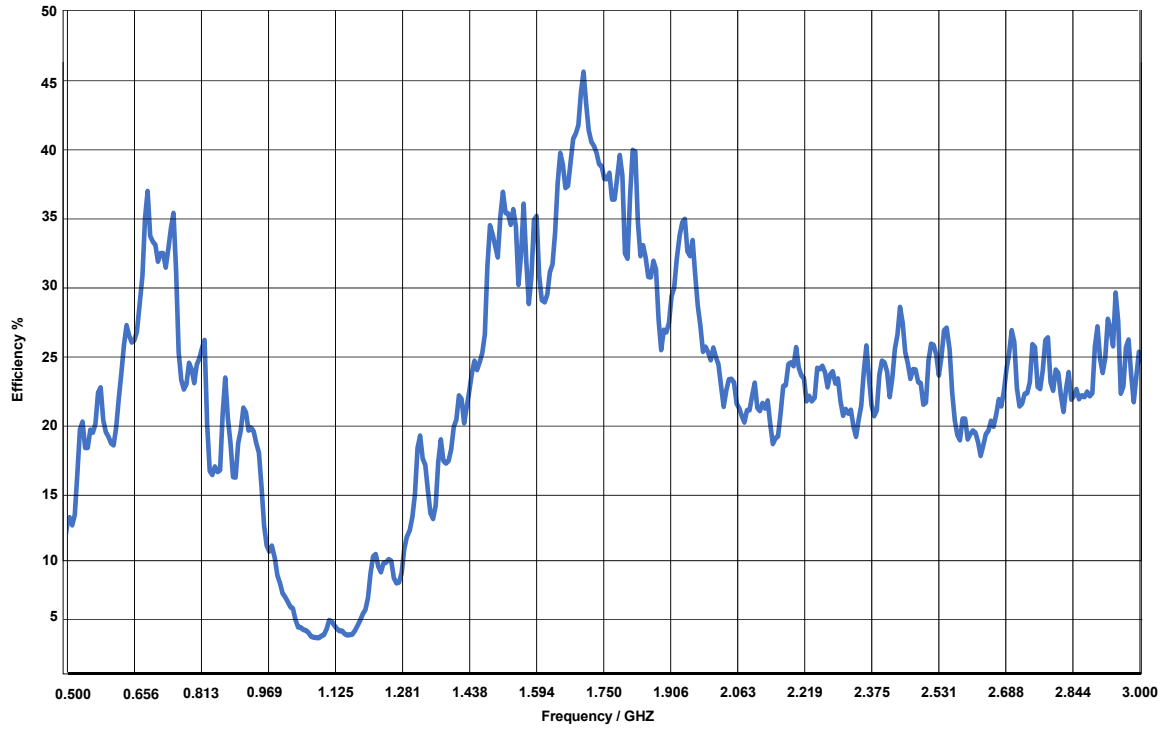
Dimensions	160mm (Max. Element width) x 93mm (Overall Depth)	
Weight	35g (excluding cable & connector)	
Construction Materials	White ABS UV resistant plastic	
Mounting Arrangement	Wall mounted (fixings supplied) Ground Plane Independent	
Temperature Range	-40 to +85° C	
Protection Class	IP65 (IEC 60529)	
<b>Cellular LTE / 2G / 3G</b>		
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; 4.1dBi @ 1920-2170 MHz; 0dBi @ 2300-2700 MHz; 0Bi
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)	≤ 2.1:1 (All Bands)	
Radiator Type	Dipole	
Connector	MMCX Male (Straight)	
Cable	LL100 3000mm White Jacket	
Test & Measurement Conditions	Wall Mounted / 3000mm LL100 / MMCX Male (Straight)	

dBi: Referenced to an isotropic radiator

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### Radiated Efficiency



### Typical VSWR

