

Product: LATERAL LTE

Product Order Code:

BM-02 Range

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

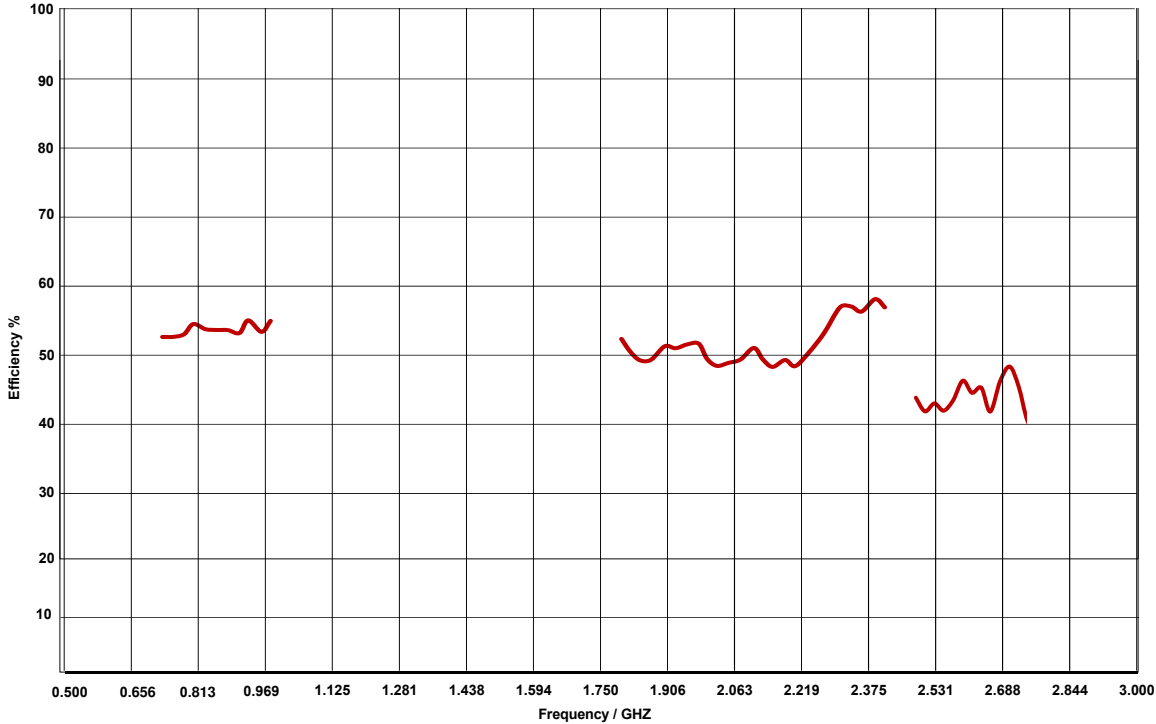


Technical Data

| | | |
|-------------------------------|--|--|
| 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) | |
| 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; 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 | According to customer specification | |
| Cable | LL100 / RG174 (Black or White Jacket) | |
| Test & Measurement Conditions | Wall Mounted / 3000mm LL100 / MMCX Male (Straight) | |

dBi: Referenced to an isotropic radiator

Radiated Efficiency



Typical VSWR

