

Product: DELGADO S LTE

Product Order Code:
BM-02 RANGE

Compact Adhesive Antenna

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

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

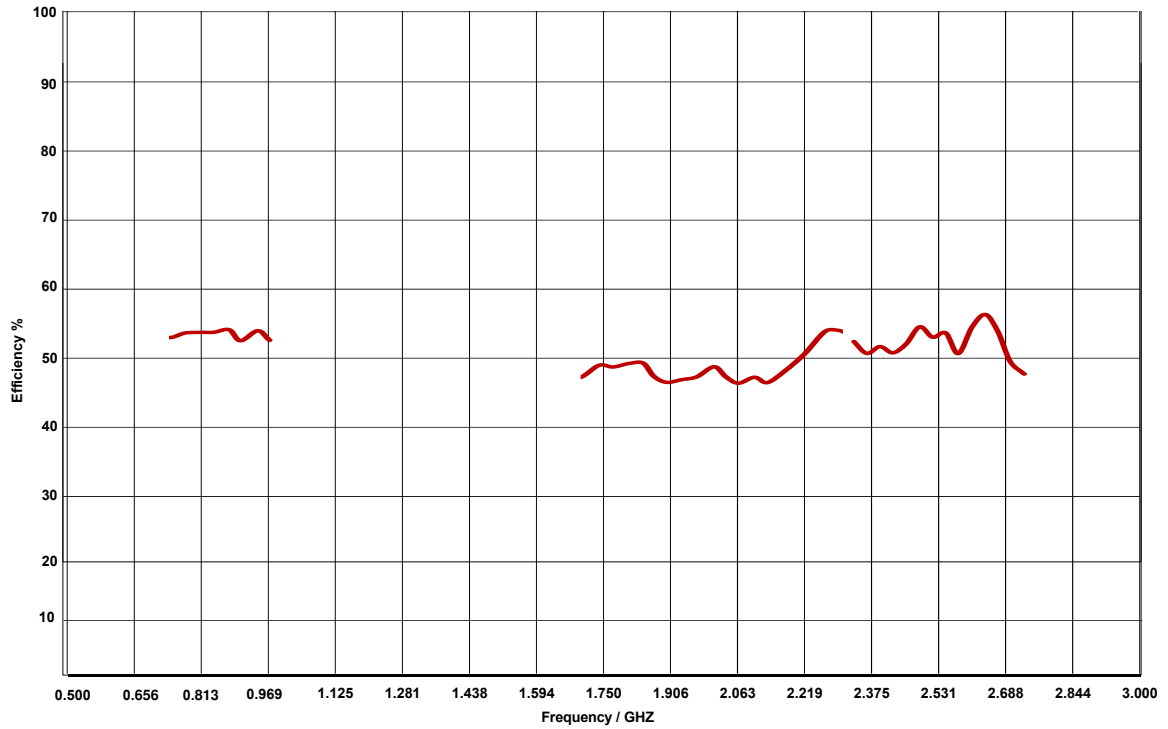


Technical Data

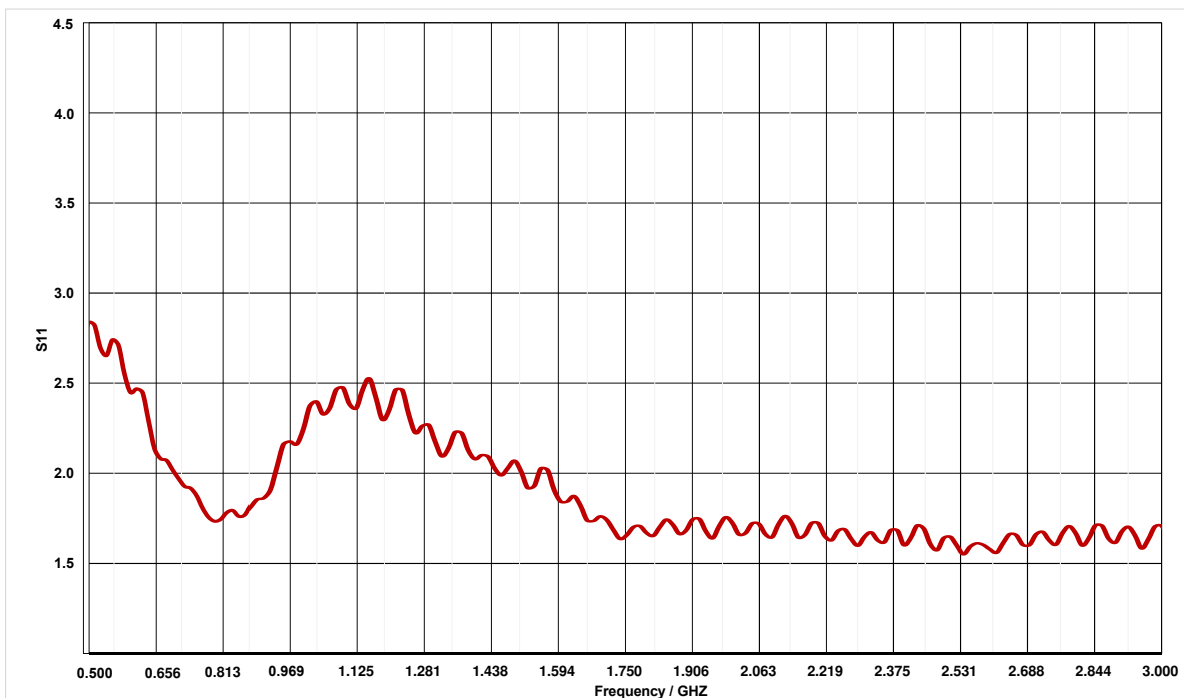
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|-------------------------------|--|--------------------------|
| Dimensions | 71.5mm (H) x 25.2mm (W) x 6.5mm (D) | |
| Weight | 43g | |
| Construction Materials | PC UV Stable ABS | |
| Mounting Arrangement | 3M Self Adhesive Pad Ground Plane Independent - Mount on any non-metallic surface | |
| Temperature Range | -40°C to +85°C | |
| Protection Class | IP6K0 | |
| Cellular LTE / 2G / 3G | | |
| Frequency Range | LTE 700 + GSM 900: | 698 - 960 MHz |
| | GSM 1800: | 1710 - 1880 MHz |
| | UMTS: | 1920 - 2170 MHz |
| | LTE (High): | 2300 - 2700 MHz |
| Impedance | 50 Ohm | |
| Polarisation | Linear | |
| Average Gain | LTE 700 + GSM 900: | @ 790-960 MHz; 0dBi |
| | GSM 1800: | @ 1710-1880 MHz; 0dBi |
| | UMTS: | @ 1920-2170 MHz; 2.14dBi |
| | LTE (High): | @ 2300-2700 MHz; 2.14dBi |
| Radiation Pattern | Omni-Directional | |
| Max Power @ 30°C | LTE 700 + GSM 900: | 25 Watts @ 790-960 MHz |
| | GSM 1800: | 25 Watts @ 1710-1880 MHz |
| | UMTS: | 25 Watts @ 1920-2170 MHz |
| | LTE (High): | 25 Watts @ 2300-2700 MHz |
| Return Loss (VSWR) | ≤ 2:1 (All Bands) | |
| Radiator Type | Dipole | |
| Cable types Available | LL100 50 Ohm Low Loss / RG174 / RG316 | |
| Cable Length | According to customer specification | |
| Connector | According to customer specification | |
| Test & Measurement Conditions | 300mm x 300mm x 2mm ABS / 1000mm LL100 Cable / SMA Male connector | |

dBi: Referenced to an isotropic radiator

Radiated Efficiency (LTE)



Typical VSWR (LTE)



CAD Data

