

Product: BODY ADYNA 5 (LTE)

Product Order Code:
BM-02682 RANGE

Wideband Telemetry Antenna

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

- Low profile 'manhole cover' robust wideband antenna
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



Technical Data

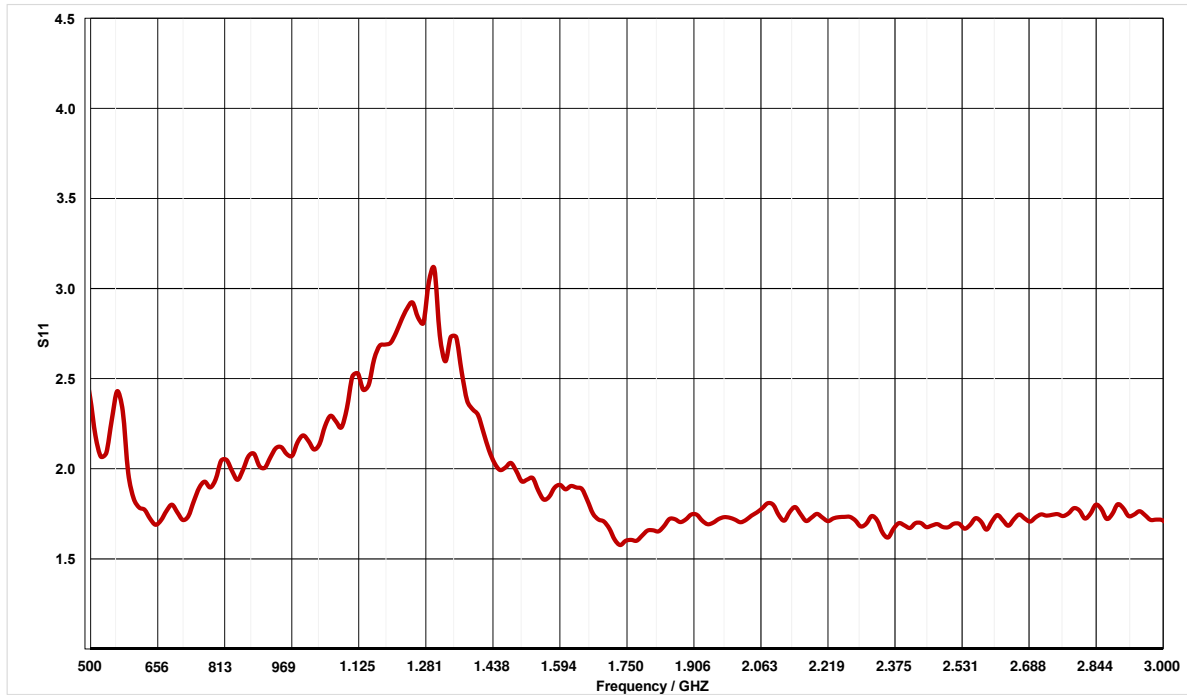
Dimensions		As per CAD detail below
Weight		35g
Construction Materials		PC/ABS UL94 V0 UV Stable
Mounting Arrangement		M10 Stainless Steel Split Nut combined with 3M Adhesive Pad Mounting on any surface (glass, metal, plastic etc.)
Temperature Range		-40 to +85° C
Protection Class		IP68 (IEC 60529)
Cellular 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
Gain	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	@ 790-960 MHz; 0dBi @ 1710-1880 MHz; 2.14dBi @ 1920-2170 MHz; 2.14dBi @ 2300-2700 MHz; 2.14dBi
Radiation Pattern		Omni-Directional
Max Power @ 30°C	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	35 Watts @ 790-960 MHz 35 Watts @ 1710-1880 MHz 35 Watts @ 1920-2170 MHz 35 Watts @ 2300-2700 MHz
Return loss (VSWR)		≤2.2:1 (All Bands)
Radiator Type		Folded Monopole
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 Ground Plane / 1000mm LL100 Cable

dBi: Referenced to an isotropic radiator

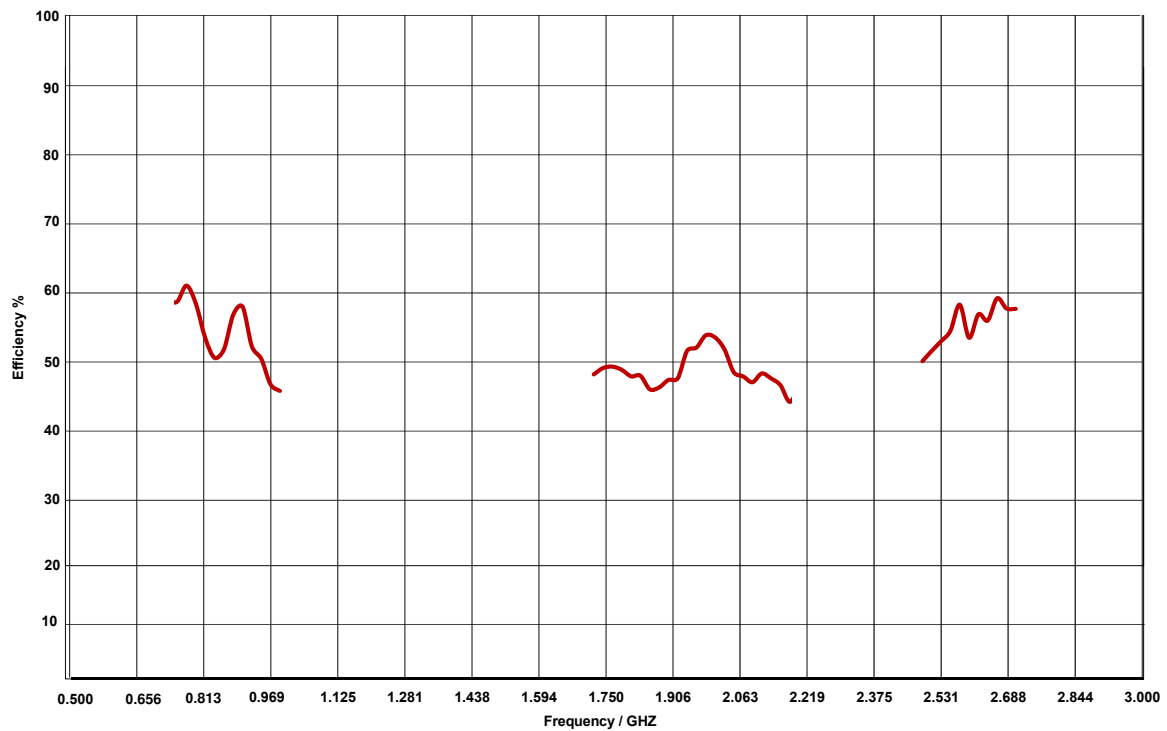
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VSWR Data



Radiated Efficiency



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CAD Data

