

Product: BODY ADYNA LTE

Product Order Code:
BM-02 RANGE

Rugged Profile Body Mounted Antenna

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

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



Technical Data

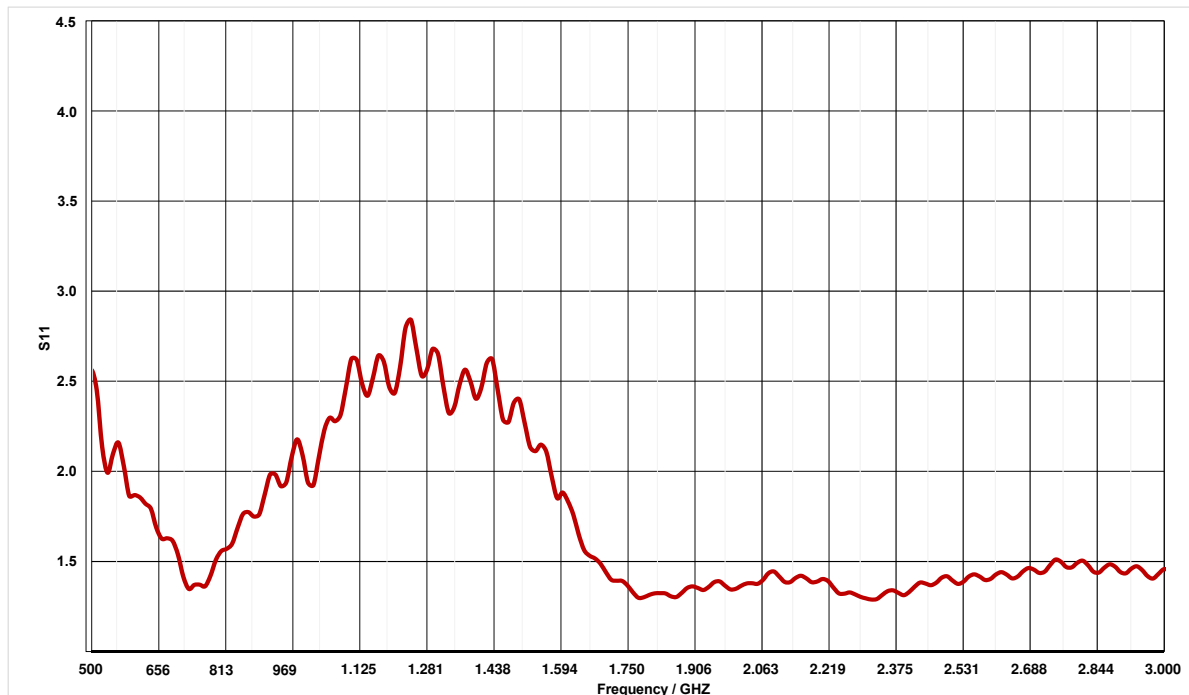
Dimensions		75mm x 17mm (H) (Including mounting pad)
Weight		114g (Excluding cables and connectors)
Construction Materials		PC/ABS / UL94 V0 / UV Stable
Maximum Torque Setting (Nm)		6 Nm
Mounting Arrangement		M14 Thread / Stainless Steel Split Nut & ABS pad Mounting on any surface (glass, metal, plastic etc.)
Temperature Range		-40 to +85 Degree C
Protection Class		IP67 (IEC 60529), IP69
Cellular LTE / 2G / 3G		
Frequency Range	LTE 700 + GSM 900:	698 - 960 MHz
	GSM 1800:	1710 - 1880 MHz
	UUMTS:	1920 - 2170 MHz
	WLAN + LTE (High):	2300 - 2700 MHz
Impedance		50 Ohm
Polarisation		Linear
Peak Gain	LTE 700 + GSM 900:	@ 790-960 MHz;2.14dBi
	GSM 1800:	@ 1710-1880 MHz; 3.1dBi
	UUMTS:	@ 1920-2170 MHz; 3.3dBi
	WLAN + LTE (High):	@ 2300-2700 MHz; 3.3dBi
Radiation Pattern		Omni-Directional
Max Power @ 30 Celsius	LTE 700 + GSM 900:	25 Watts @ 790-960 MHz
	GSM 1800:	25 Watts @ 1710-1880 MHz
	UUMTS:	25 Watts @ 1920-2170 MHz
	WLAN + LTE (High):	25 Watts @ 2300-2700 MHz
Return loss (VSWR)		<2.5:1 (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

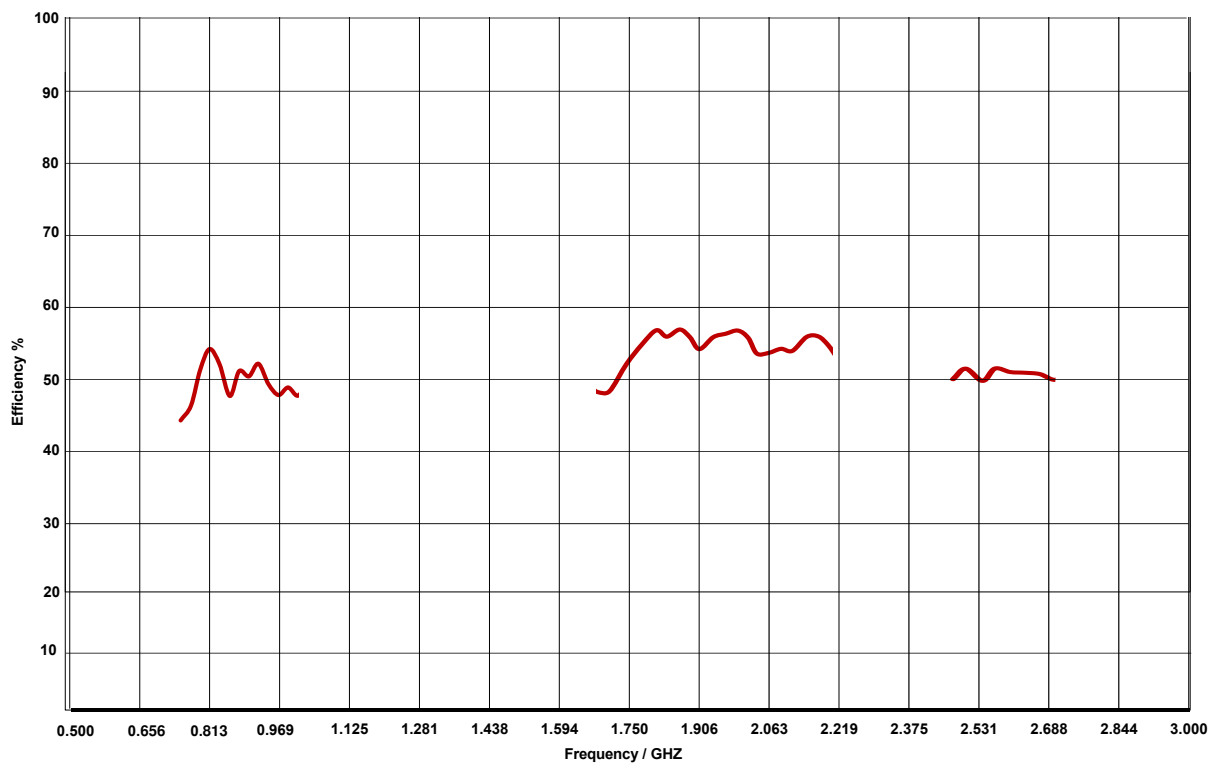
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Typical VSWR Data



Radiated Efficiency (LTE)



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CAD Data

