

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

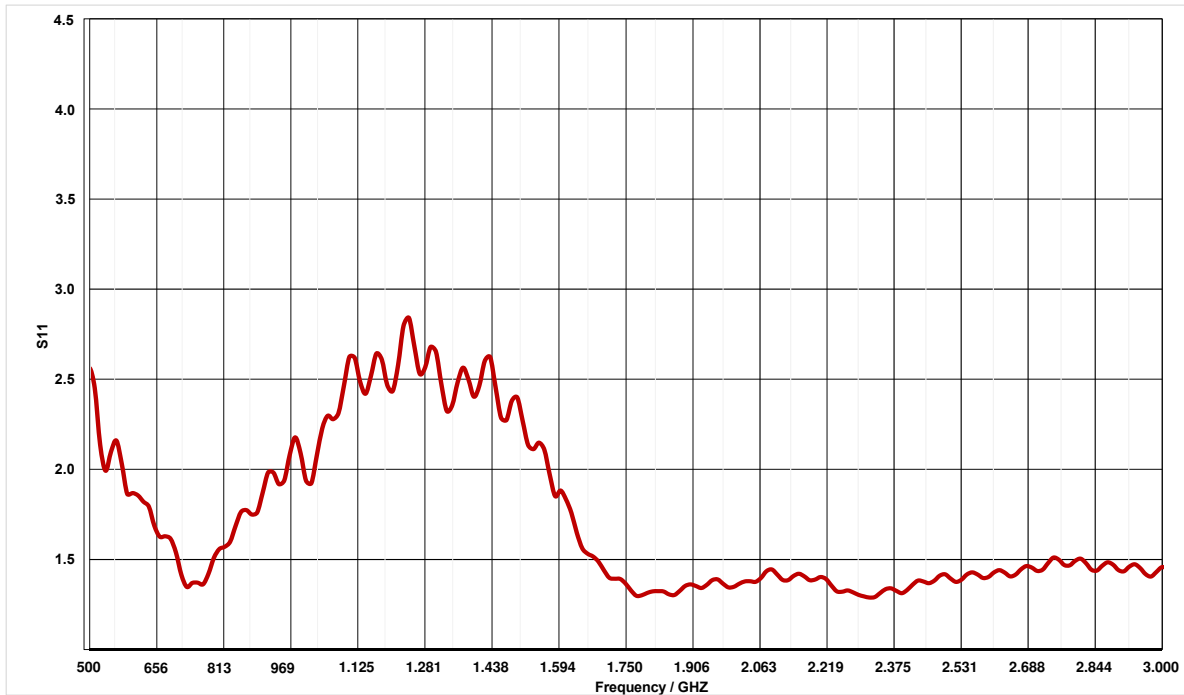
Dimensions	76mm x 15.6mm (H) (Including mounting pad)	
Weight	114g (Excluding cables and connectors)	
Construction Materials	PC/ABS / UL94 V0 / UV Stable	
Maximum Torque Setting (Nm)	6 Nm	
Mounting Arrangement	M14 Thread / Stainless Steel Split Nut & ABS pad Mounting on any surface (glass, metal, plastic etc.)	
Temperature Range	-40 to +85 Degree C	
Protection Class	IP67 (IEC 60529), IP69	
Cellular LTE / 2G / 3G		
Frequency Range	LTE 700 + GSM 900: GSM 1800: UUMTS: WLAN + LTE (High):	698 - 960 MHz 1710 - 1880 MHz 1920 - 2170 MHz 2300 - 2700 MHz
Impedance	50 Ohm	
Polarisation	Linear	
Peak Gain	LTE 700 + GSM 900: GSM 1800: UUMTS: WLAN + LTE (High):	@ 790-960 MHz; 2.14dBi @ 1710-1880 MHz; 3.1dBi @ 1920-2170 MHz; 3.3dBi @ 2300-2700 MHz; 3.3dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30 Celsius	LTE 700 + GSM 900: GSM 1800: UUMTS: 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)	<2.5:1 (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

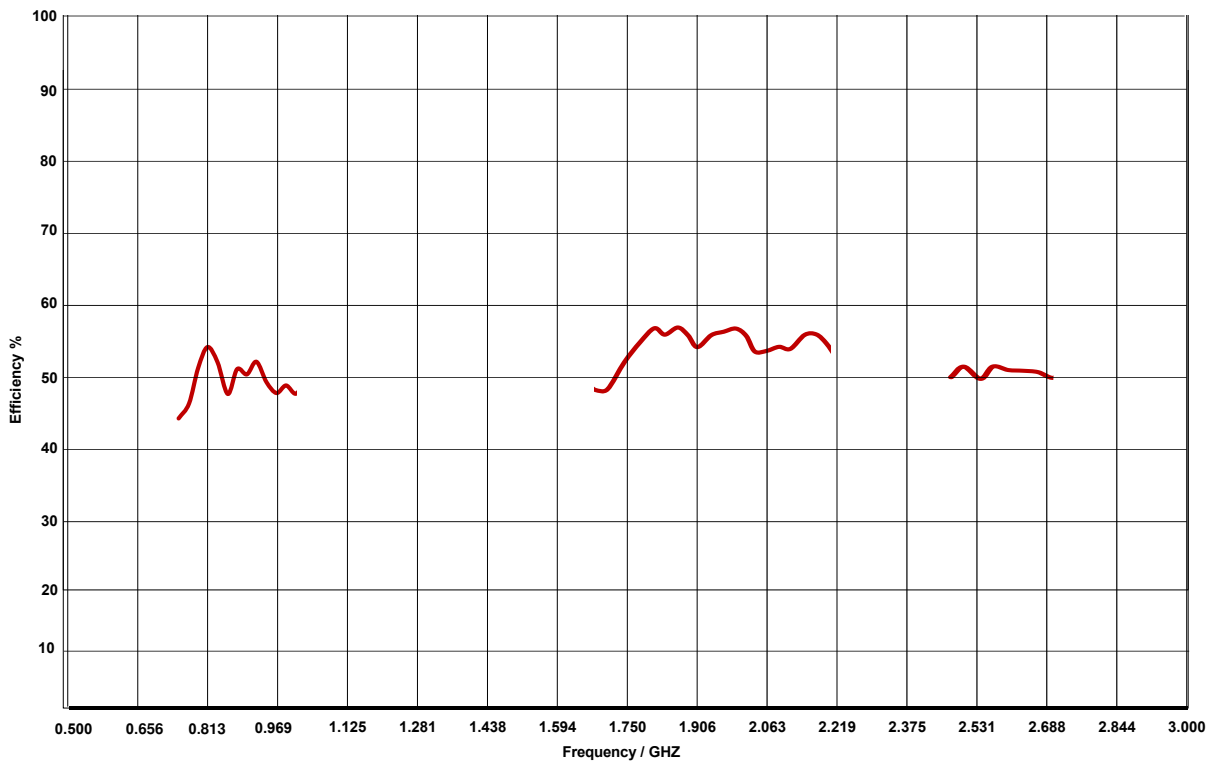
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Typical VSWR Data



Radiated Efficiency (LTE)



CAD Data

