

Product: BODY ADYNA 5-40 (LTE)

Product Order Code:  
BM-02986 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

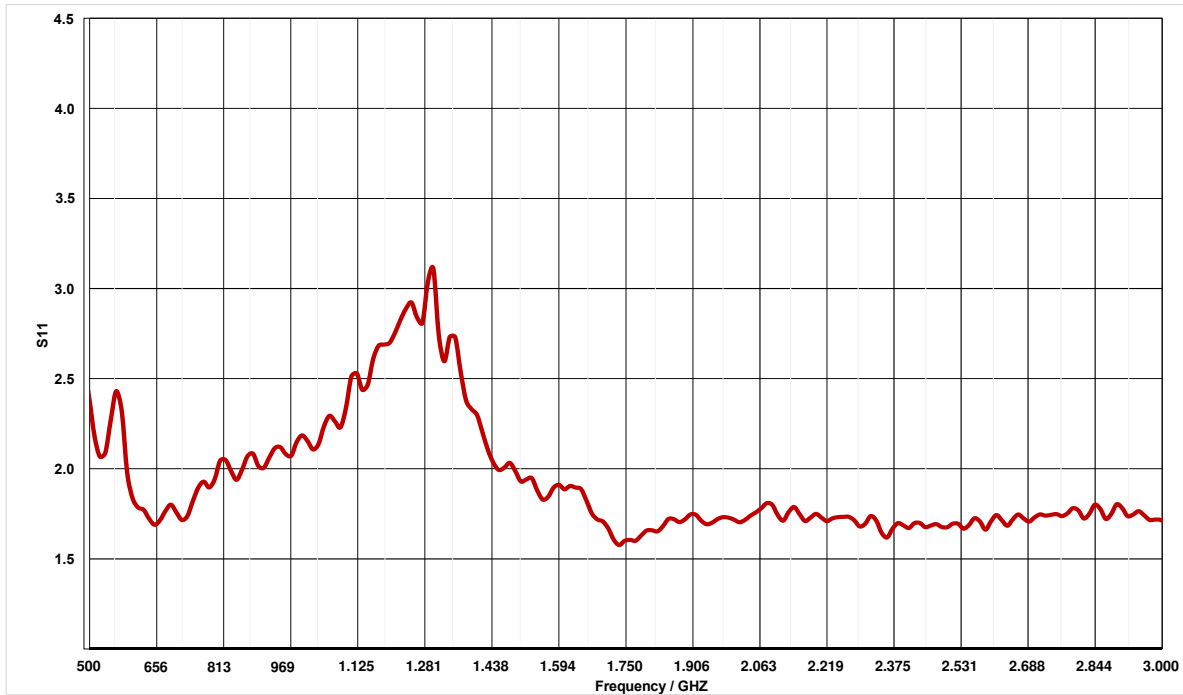
Dimensions	30.6mm (D) x 5.17 (H) Excluding 3M pad)	
Weight	35g	
Construction Materials	PC/ABS UL94 V0 UV Stable	
Mounting Arrangement	M10 Stainless Steel Split Nut combined with 3M Adhesive Pad Mounting on any surface (glass, metal, plastic etc.)	
Temperature Range	-40 to +85° C	
Protection Class	IP68 (IEC 60529)	
<b>Cellular LTE / 2G / 3G</b>		
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

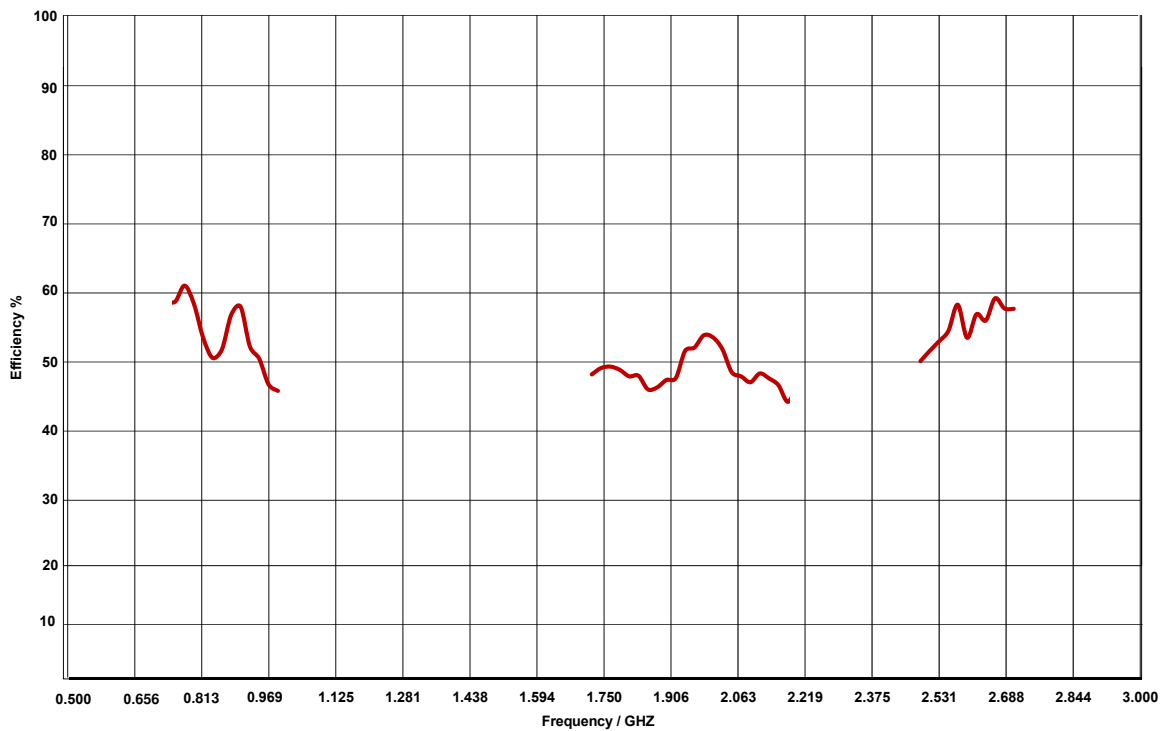
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### VSWR Data



### Radiated Efficiency



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**CAD Data**

