

Product: BODY REM LTE

Product Order Code:
BM-02 RANGE

Low Profile Body Mounted Antenna

2G, 3G, GPRS, CDMA, UMTS, LTE-4G

- 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

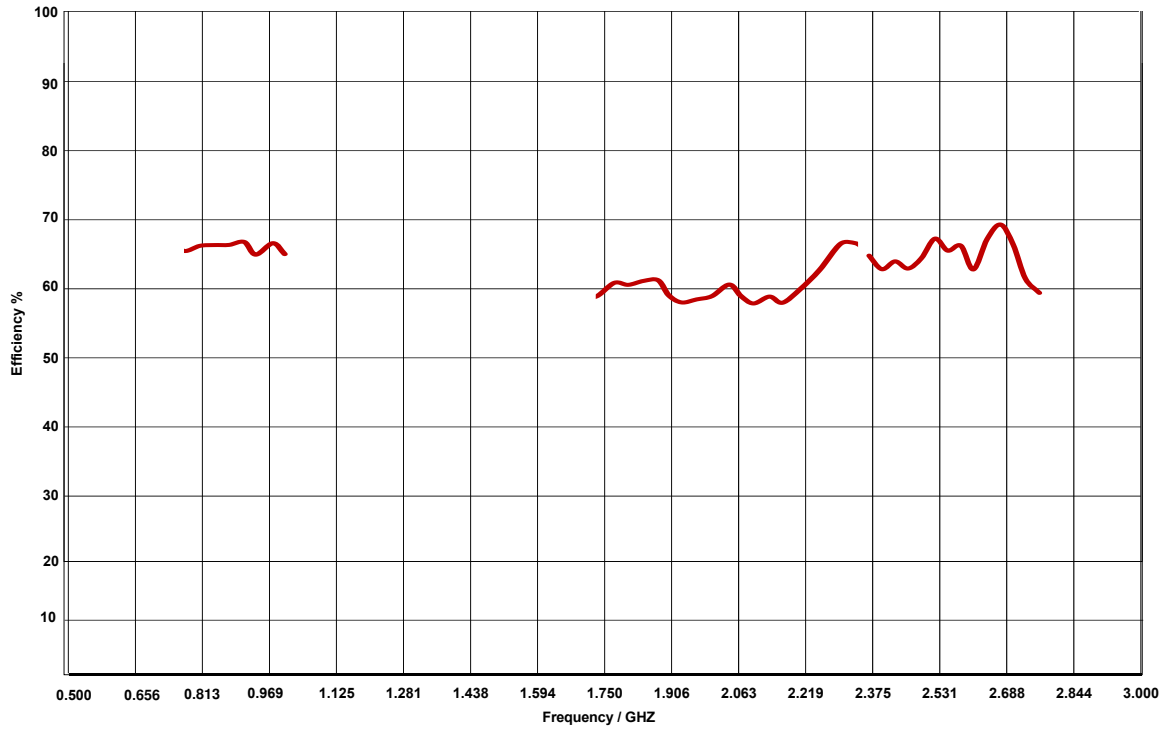
Dimensions	79mm x 74mm x 15mm (H) (Including self adhesive pad)	
Weight	74g (Excluding cables and connectors)	
Construction Materials	PC/ABS / UL94 V0 / UV Stable	
Maximum Torque Setting (Nm)	4.8Nm	
Mounting Arrangement	M12 Stainless Steel Split Nut combined with 3M Adhesive Pad Mounting on any surface (glass, metal, plastic etc.)	
Temperature Range	-40 to +85 Degree C	
Protection Class	IP67 (IEC 60529)	
Cellular LTE / 2G / 3G		
Frequency Range	LTE 700 + GSM 900:	700 - 960 MHz
	GSM 1800:	1710 - 1880 MHz
	UMTS:	1920 - 2170 MHz
	LTE (High):	2300 - 2655 MHz
Impedance	50 Ohm	
Polarisation	Linear	
Peak Gain	LTE 700 & GSM 900:	@ 790-960 MHz; 2.14dBi
	GSM 1800:	@ 1710-1880 MHz; 2.14dBi
	UMTS:	@ 1920-2170 MHz; 2.14dBi
	LTE (High):	@ 2300-2700 MHz; 2.14dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30 Celsius	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)	<1.8:1 (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 Ground Plane / 1000mm LL100 Cable	

dBi: Referenced to an isotropic radiator

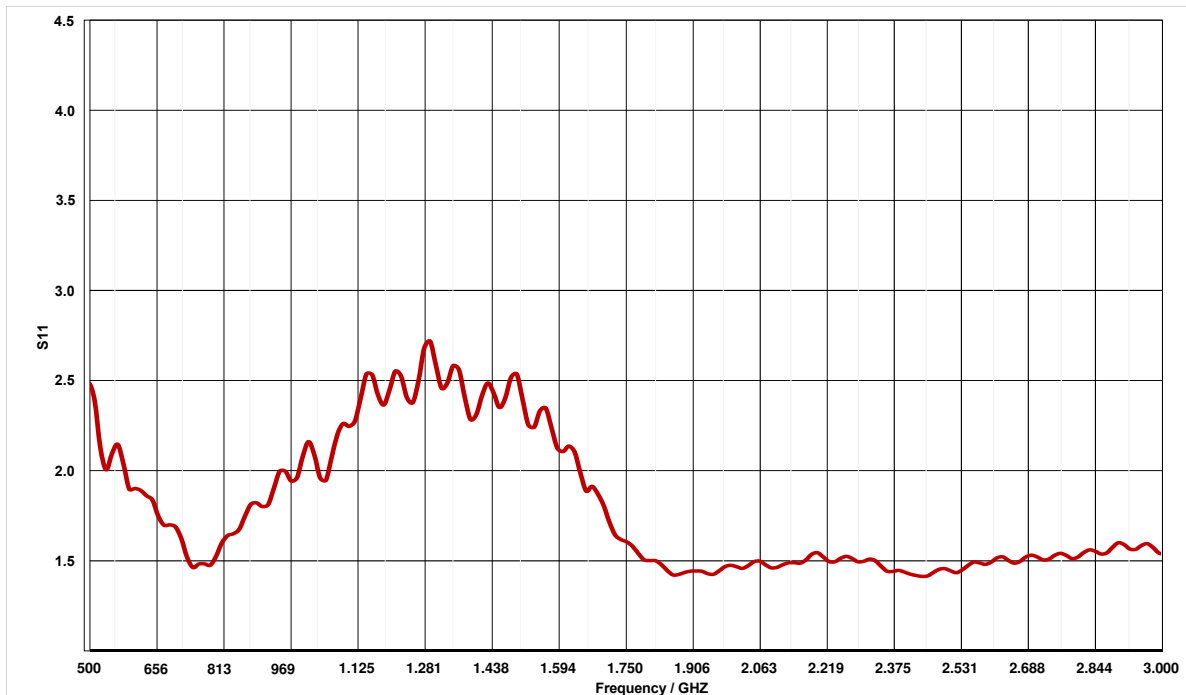
Product: BODY REM LTE

Product Order Code:
BM-02 RANGE

Radiated Efficiency (LTE)



Typical VSWR Data (LTE)



Product: BODY REM LTE

Product Order Code:
BM-02 RANGE

CAD Data

