

Low Profile Body Mounted Antenna

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

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



Technical Data

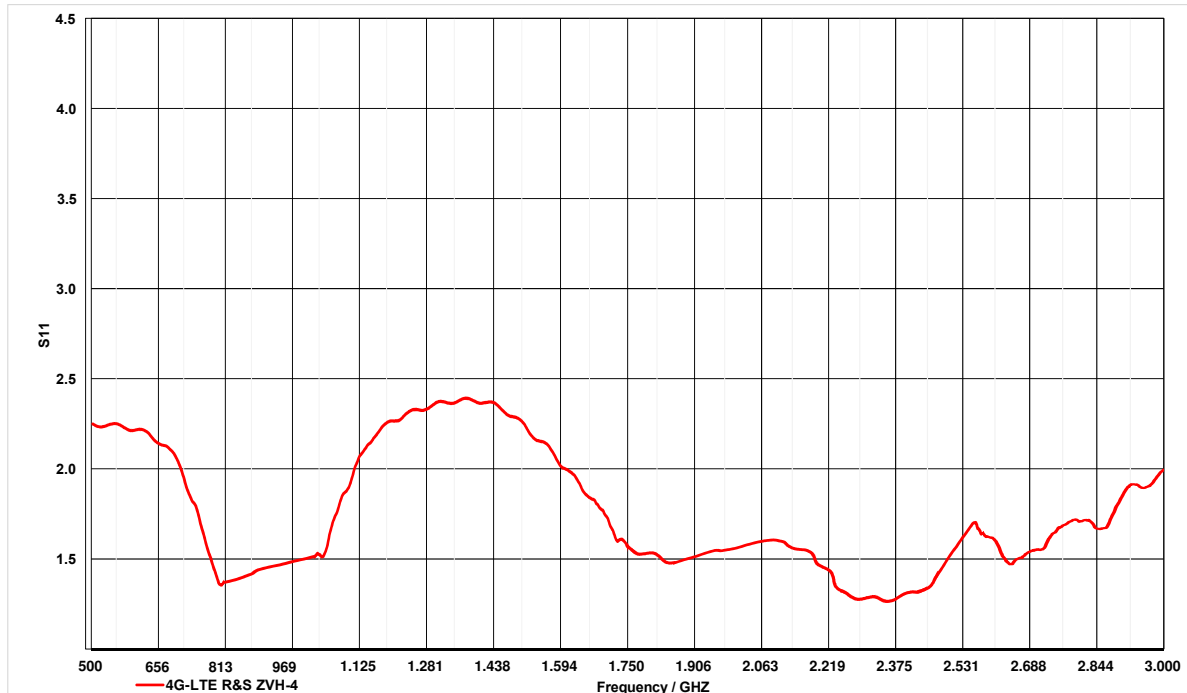
Dimensions		79mm x 74mm x 15.3mm (H) (Including self adhesive pad)
Weight		74g (Excluding cables and connectors)
Construction Materials		PC/ABS / UL94 V0 / UV Stable
Maximum Torque Setting (Nm)		4.8Nm
Mounting Arrangement		M12 Stainless Steel Split Nut combined with 3M Adhesive Pad Mounting on any surface (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 GSM 1800 UMTS 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 UMTS LTE (High)	@ 790-960 MHz 2.14dBi @ 1710-1880 MHz 0dBi @ 1920-2170 MHz -0.6dBi @ 2300-2700 MHz -1.7dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30 Celsius	LTE 700 + GSM 900 GSM 1800 UMTS 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(s)	Dipole(s)	
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

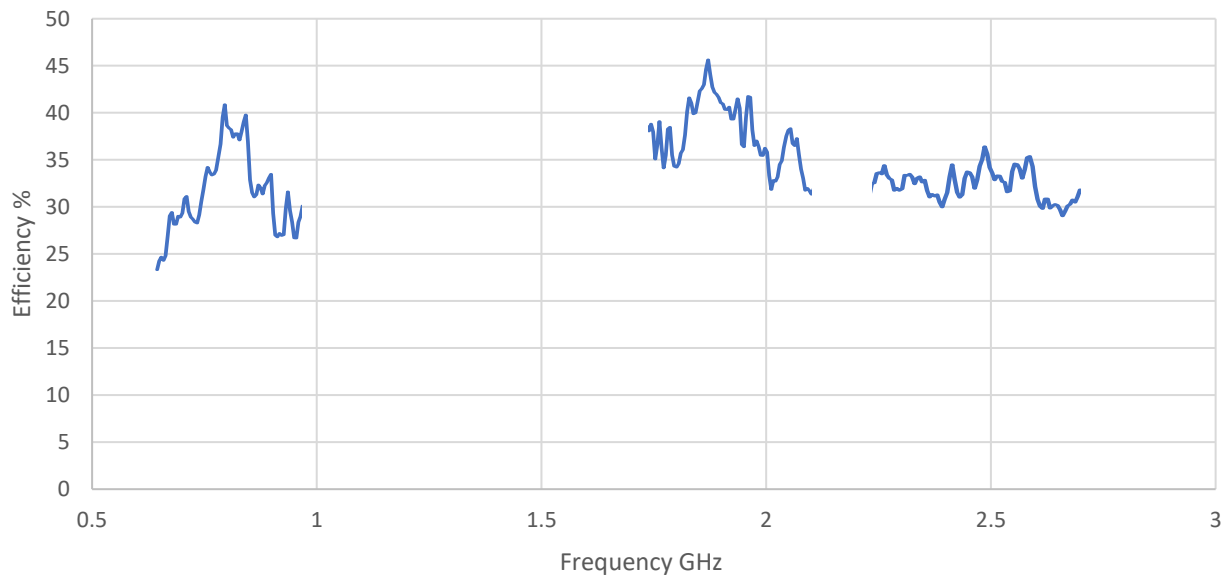
Product: BODY REM MIMO LTE

Product Order Code:
BM-02 RANGE

Typical VSWR Data - LTE



Radiated Efficiency - LTE



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BM-02 RANGE

CAD Data

