

Product: HPAL207-5 LTE

Product Order Code:

BM-02161N

## High Gain Wideband Connector Mounted Antenna

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

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

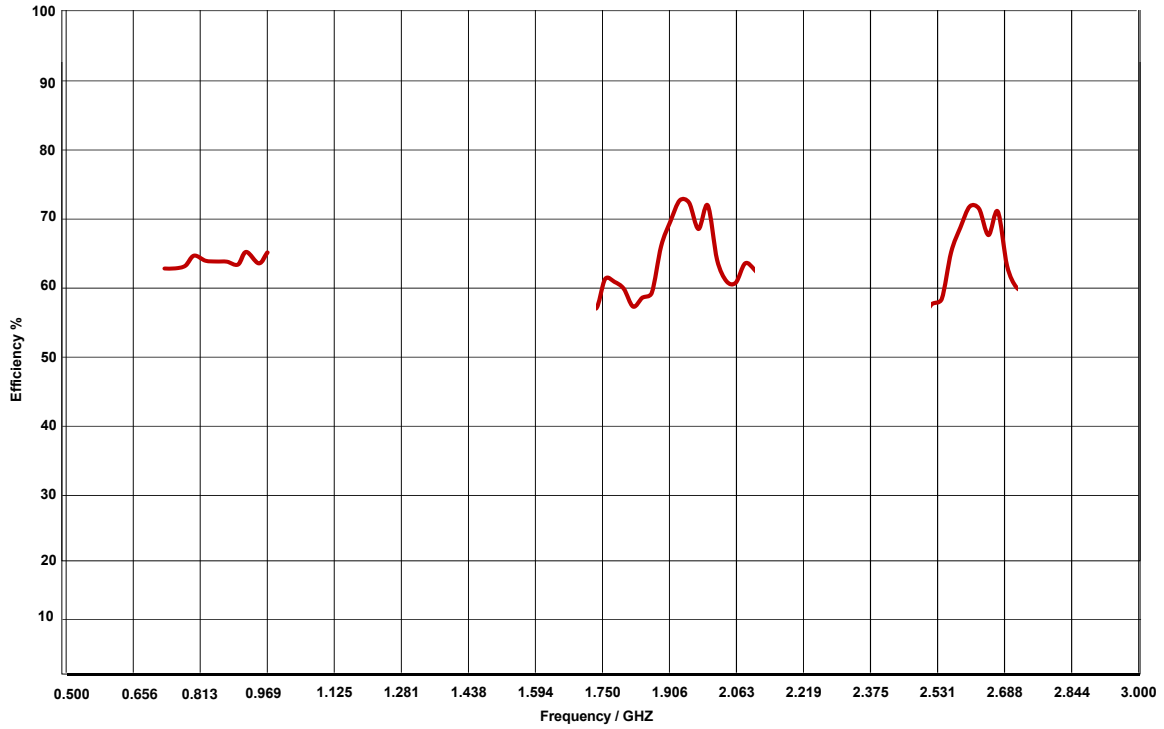


### Technical Data

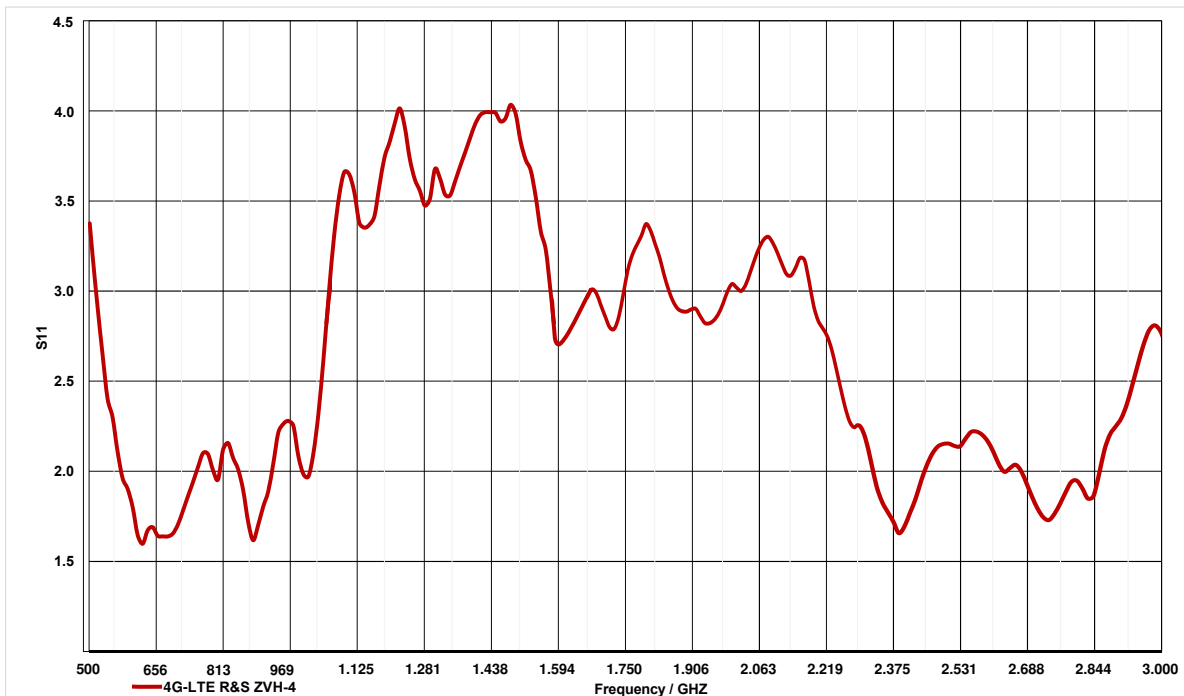
Dimensions	207mm (H) x 13mm (D) Base Diameter	
Weight	78g	
Construction Materials	PC UV Stable ABS	
Mounting Arrangement	Connector Mounted Ground Plane Independent	
Temperature Range	-40 to +85° C	
Protection Class	IP55 (IEC 60529)	
<b>Cellular LTE / 2G / 3G</b>		
Frequency Range	LTE 700 + GSM 900:	698 - 960 MHz
	GSM 1800:	1710 - 1880 MHz
	UMTS:	1920 - 2170 MHz
	LTE (High):	2300 - 2700 MHz
Impedance	50 Ohm	
Polarisation	Linear	
Average Gain	LTE 700 + GSM 900:	@ 790-960 MHz; 5dBi
	GSM 1800:	@ 1710-1880 MHz; 5dBi
	UMTS:	@ 1920-2170 MHz; 5dBi
	LTE (High):	@ 2300-2700 MHz; 5dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30°C	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)	≤ 2.5:1 (All Bands)	
Radiator Type	Dipole	
Connector	SMA MALE	
Test & Measurement Conditions	Free Space	

dBi: Referenced to an isotropic radiator

**Radiated Efficiency (LTE)**



**Typical VSWR (LTE)**



**CAD Data**

