

Product: HPAL207/868

Product Order Code:  
BM-02161N/868

## Medium Gain 868MHz Connector Mounted Antenna

ISM, LoRa, SIGFOX, ZigBee

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



### Technical Data

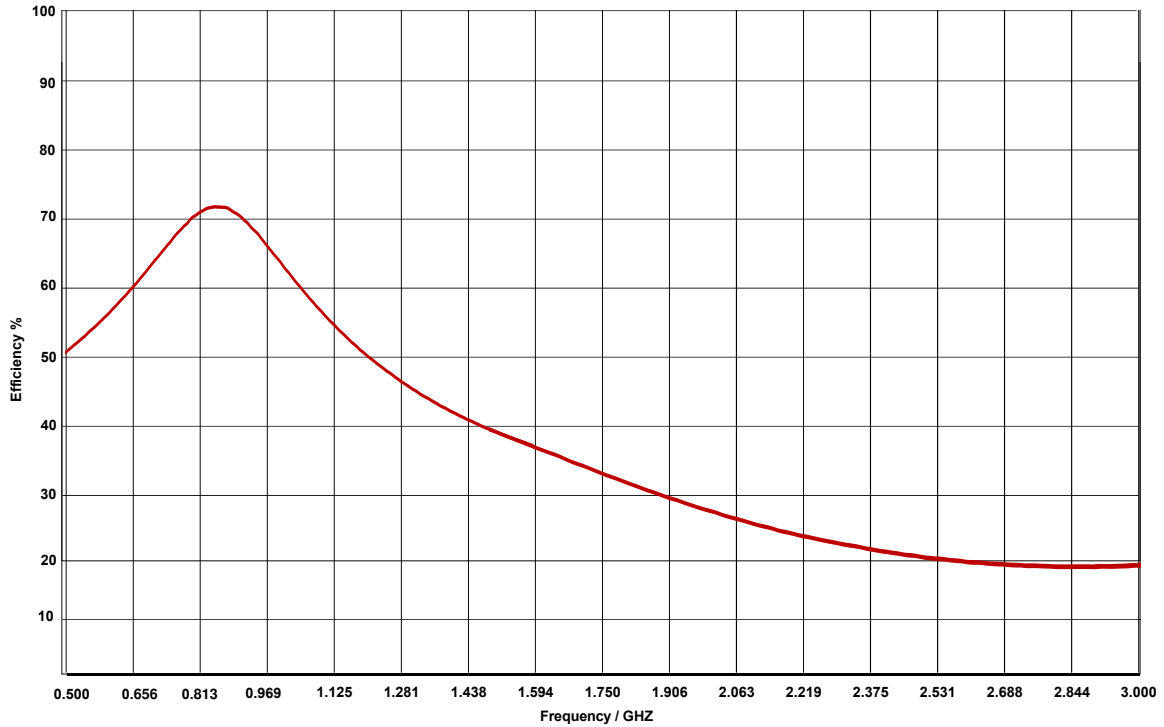
Dimensions	207mm (H) x 13mm (D) Base Diameter	
Weight	78g	
Construction Materials	PC UV Stable ABS	
Mounting Arrangement	Connector Mounted Ground Plane Independent	
Temperature Range	-40 to +85° C	
Protection Class	IP55 (IEC 60529)	
<b>Frequency Range</b>	ISM, LoRA, SIGFOX, ZigBee 868:	863 - 870 MHz
Impedance	50 Ohm	
Polarisation	Linear	
Gain	ISM, LoRA, SIGFOX, ZigBee 868:	@ 863 - 870 MHz; 3.6dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30°C	ISM, LoRA, SIGFOX, ZigBee 868:	25 Watts @ 863 - 870 MHz
Return loss (VSWR)	≤ 1.9:1	
Radiator Type	Folded Dipole	
Connector	SMA MALE	
Test & Measurement Conditions	Free Space	

dBi: Referenced to an isotropic radiator

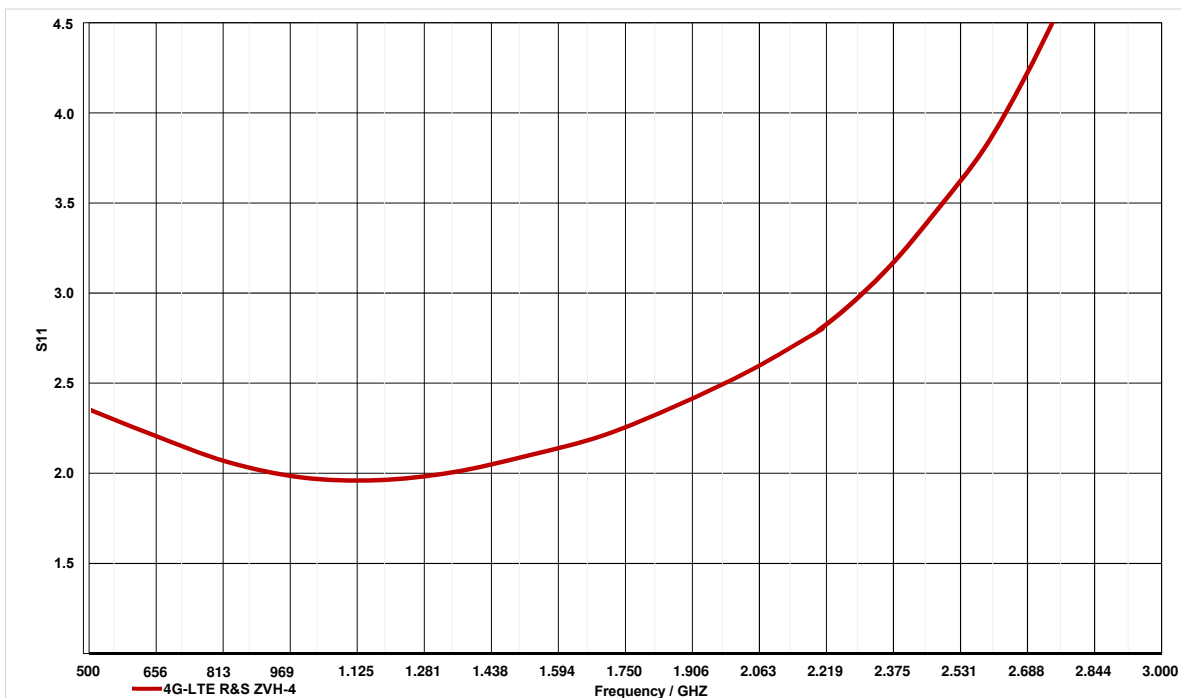
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### Radiated Efficiency



### Typical VSWR



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**CAD Data**

