

Product: PALO868CC/80

Product Order Code:

BM-02581

## Rugged 868MHz Connector Mounted Antenna

ISM, LoRa, SIGFOX, ZigBee

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



### Technical Data

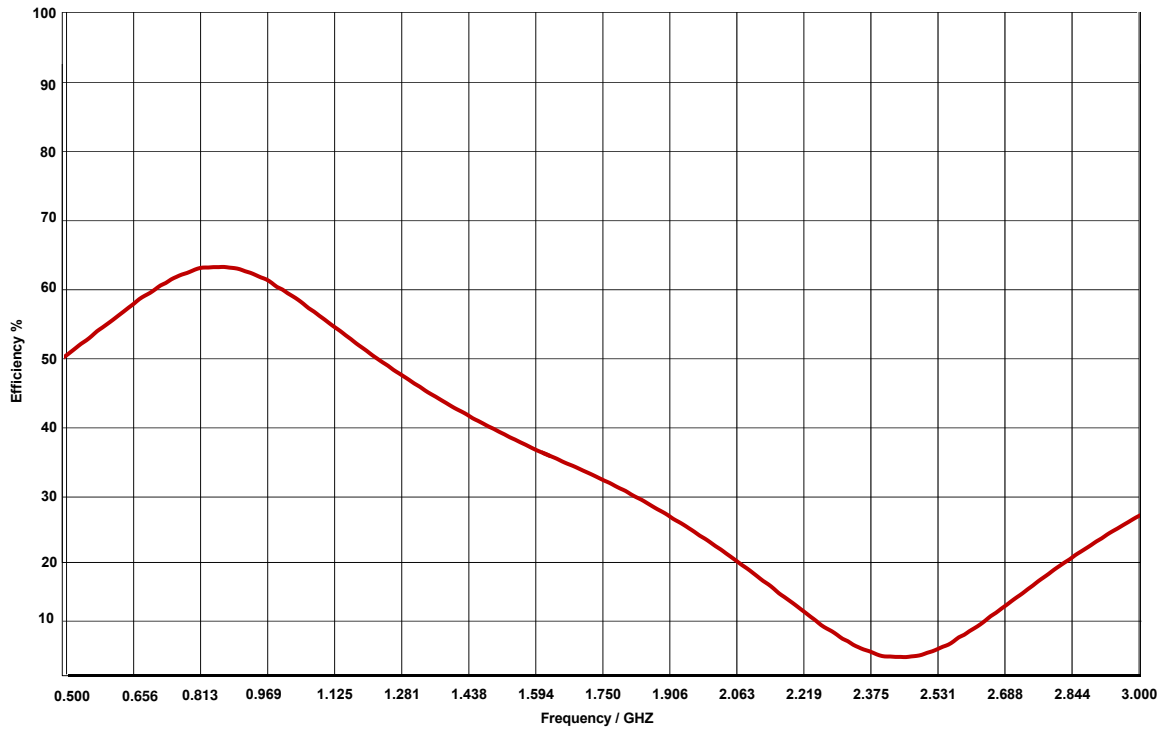
Dimensions	80mm (Overall Height) x 12.15mm (D) Base Diameter	
Weight	18g	
Construction Materials	Base - Black SMA / Cover - UV Stable ABS	
Mounting Arrangement	Direct Mounted TNC Male Connector Ground Plane Dependent	
Temperature Range	-40 to +85° C	
Protection Class	IP65	
Frequency Range	ISM, LoRA, SIGFOX, ZigBee 868:	750 - 950 MHz
Impedance	50 Ohm	
Polarisation	Linear	
Gain	ISM, LoRA, SIGFOX, ZigBee 868:	@ 850 - 870 MHz; 2.5dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30°C	ISM, LoRA, SIGFOX, ZigBee 868:	25 Watts @ 750 - 950 MHz
Return loss (VSWR)	≤ 1.7:1	
Radiator Type	Folded Monopole	
Connector	SMA MALE	
Test & Measurement Conditions	Free Space	

dBi: Referenced to an isotropic radiator

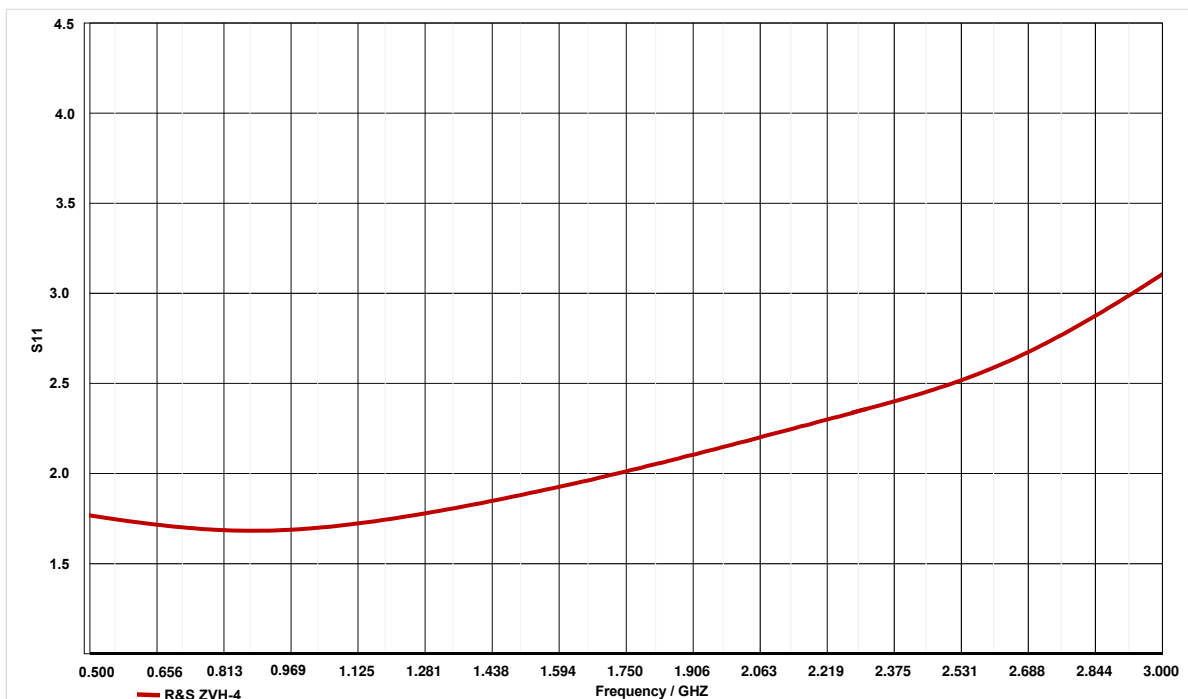
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### Radiated Efficiency



### Typical VSWR



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**CAD Data**

