

Product: PERNO 433

Product Order Code:
BM-02 RANGE

Rugged IP67 ISM Antenna

Body Mounted 433MHz (ISM)

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



Technical Data

Dimensions	As per CAD detail below	
Weight	70g (Excluding cable)	
Construction Materials	PC/ABS UL94 V0 UV Stable	
Mounting Arrangement	M12 Stainless Steel Split Nut Mounting on any surface (glass, metal, plastic etc.)	
Temperature Range	-40 – +85° C	
Protection Class	IP67 (IEC 60529)	
ISM - 433 MHz		
Frequency Range	ISM:	433 MHz
Impedance	50 Ohm	
Polarisation	Linear Vertical	
Peak Gain	2.65dBi	
Radiation Pattern	Omni-Directional	
Max Power @ 30°C	50 Watts	
Return loss (VSWR)	≤ 2.4:1	
Radiator Type	Monopole	
Cable types Available	LL100 50 Ohm Low Loss / RG174 / RG178 / RG316	
Cable Length	According to customer specification	
Connector	According to customer specification	
Test & Measurement Conditions	Free Space / 1000mm LL100 Cable / SMA MALE	

dBi: Referenced to an isotropic radiator

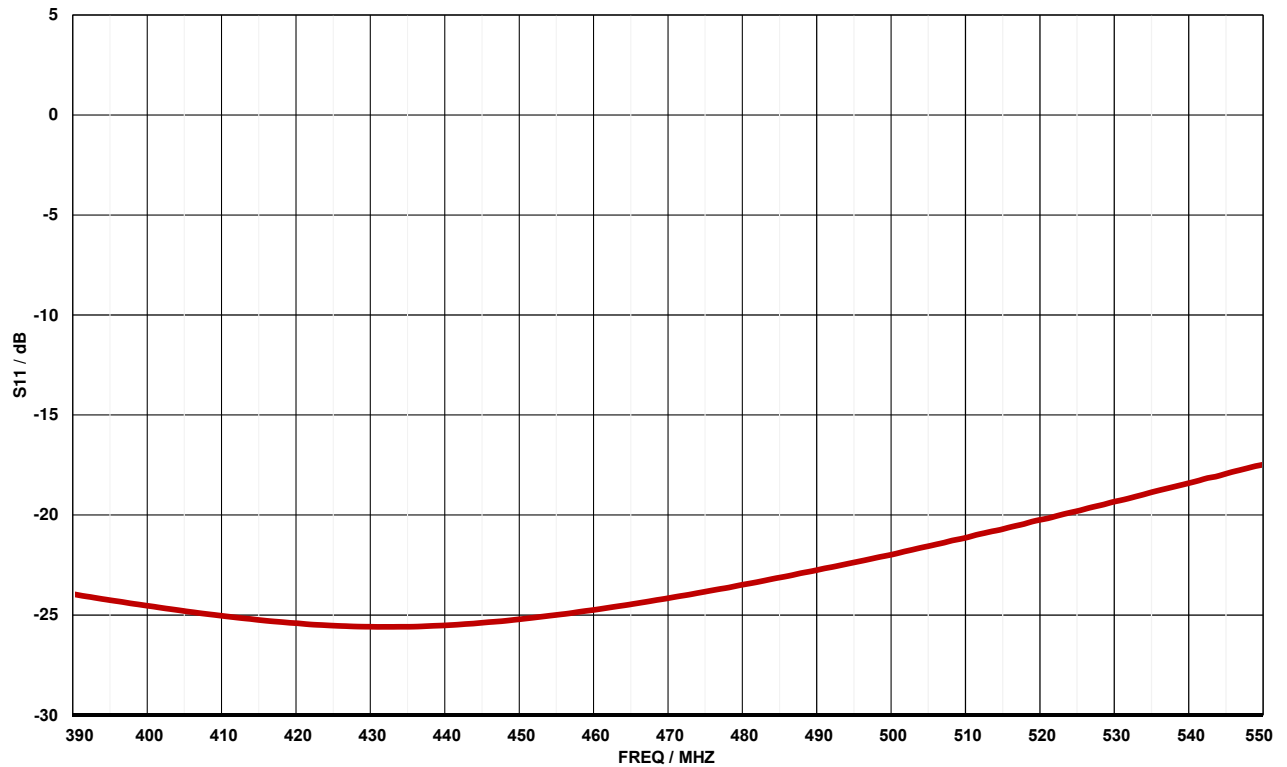
dBi: Referenced to an isotropic radiator

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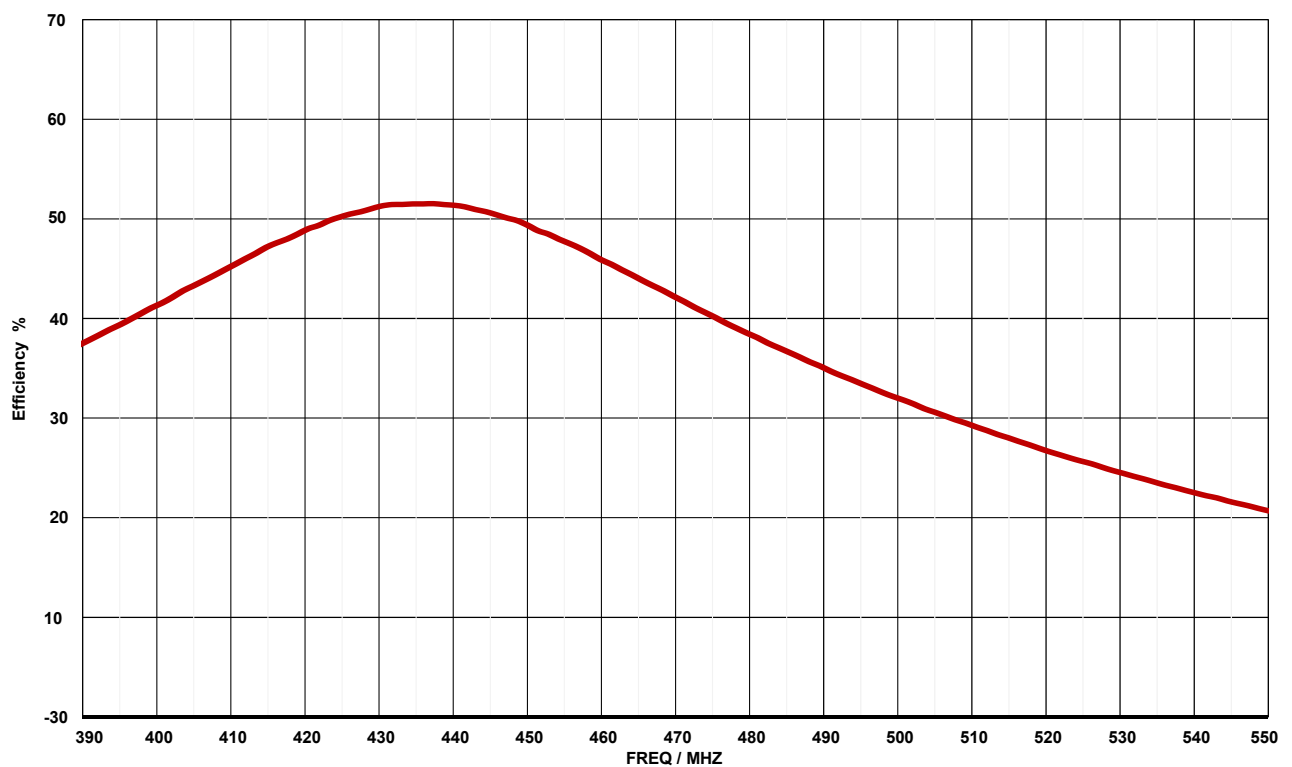
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VSWR Data

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Radiated Efficiency



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CAD Data

