

# Outdoor Omni Antenna

## 868MHz, IP67

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**RoHS  
Compliant**



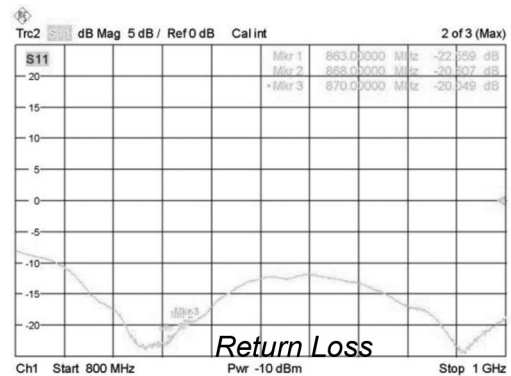
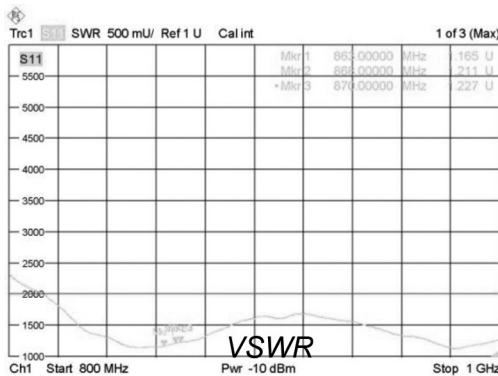
### Specification

Frequency Range	: 863MHz to 870MHz
Polarization	: Linear, Vertical
HPBW / Horizontal	: 360°
HPBW / Vertical	: 37° to 38°
Peak Gain	: 3.8 dBi Max.
VSWR	: 2 Max.: 1
Power Handling	: 2W (cw)
Impedance	: 50Ω
Connector	: N Plug

### Environmental & Mechanical Characteristics

Temperature	: -40°C to +70°C
Humidity	: 95% @ 55°C
Antenna Housing Colour	: White
Antenna Housing Material	: Fiber Glass
Weight	: 210g
Dimensions	: 465(L) × 27φmm

### VSWR & Return Loss



### Performance Summary

#### Pattern Test

Frequency (MHz)	Co-polar. Avg. Gain			Co-polar. PeakGain			HPBW		
	H-plane	V1-plane	V2-plane	H-plane	V1-plane	V2-plane	H-plane	V1-plane	V2-plane
868	3.1	-2.9	-3	3.5	3.8	3.4	360	37	37

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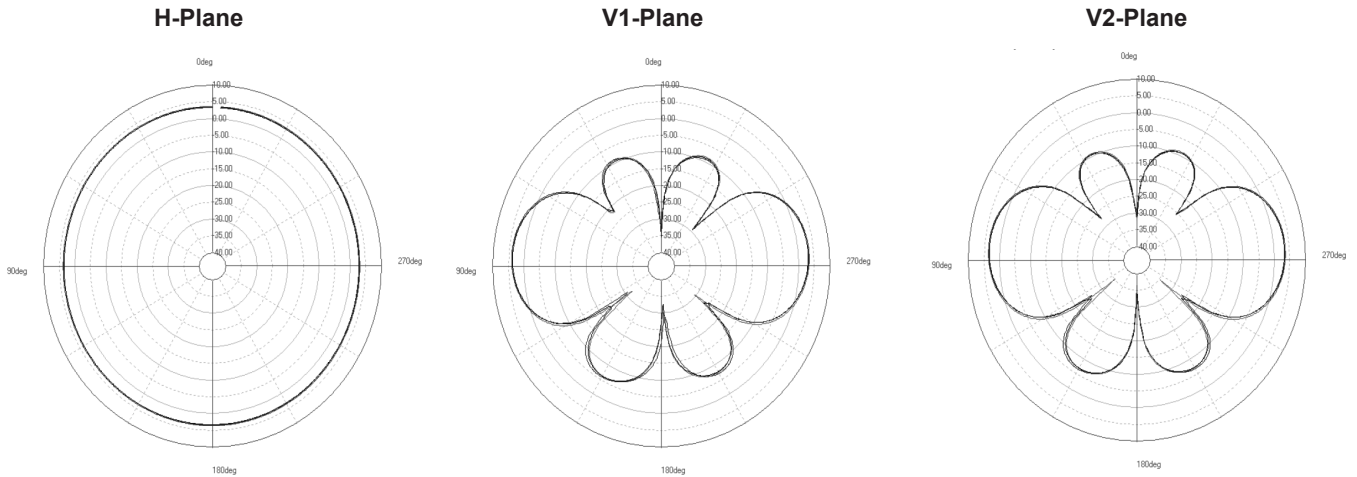
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### Radiation Pattern



### Part Number Table

Description	Part Number
Omni Outdoor Antenna, 868MHz, Linear, Vertical, IP67	MP011399

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