

433/868 MHz : LPWA Board Antenna



PRO-IS-265

Request Samples



Check Inventory



86.0 x 8.0 x 0.8 mm
RoHS/RoHS II Compliant
MSL Level = 1

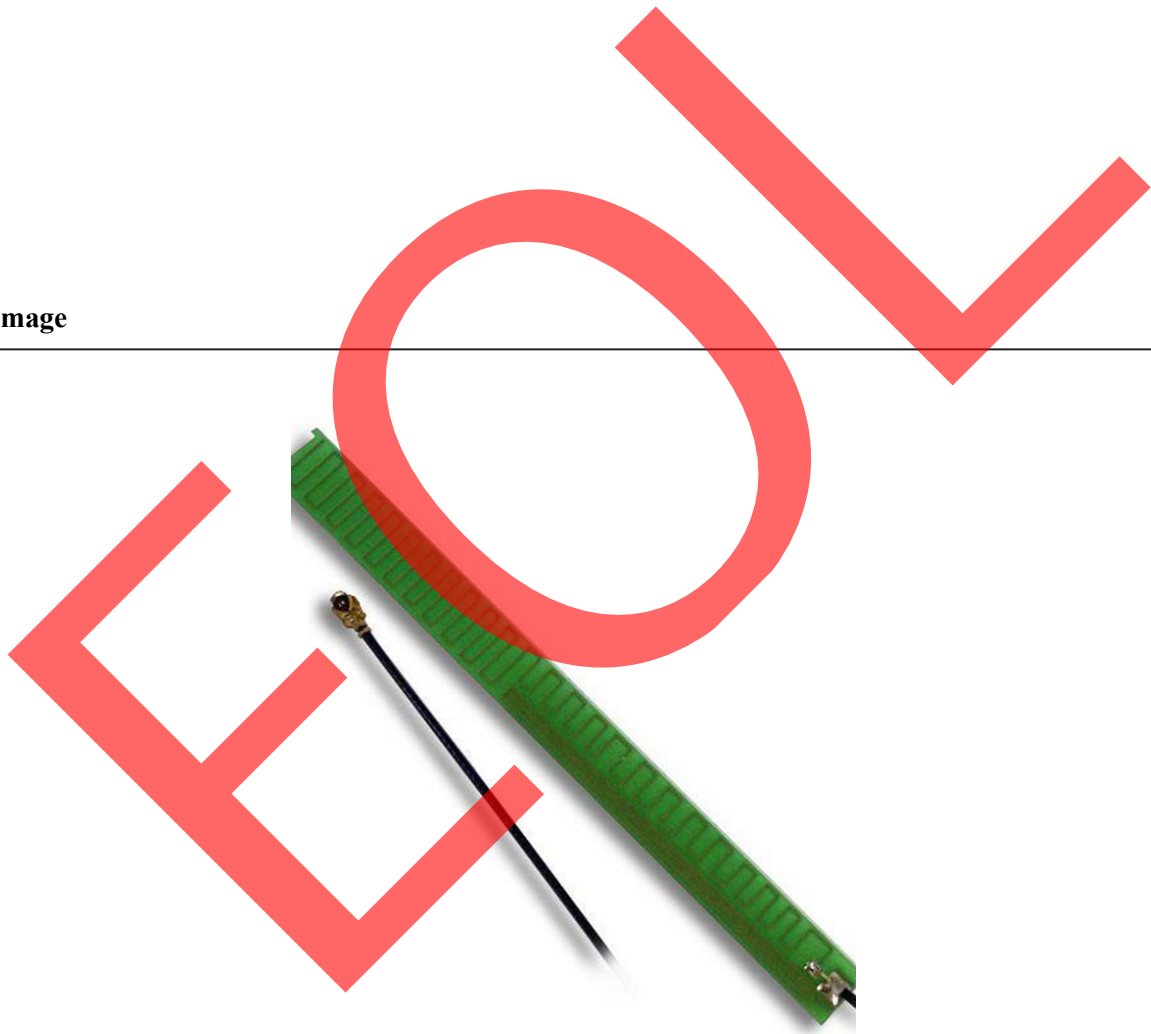
Features

- Dual-Band, Rectangular Antenna
- Low-profile
- Linear Polarization
- High Gain of 3dBi
- Easy integration using cable and connector
- Customizable cable and Connector options

Applications

- LPWA/LoRA/ISM
- IoT/ M2M
- Automation/ Smart Home
- Remote monitoring
- Energy harvesting

Product Image



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Electrical Specification

Parameter	Specification			Unit
	Min	Typ	Max	
Operating Frequency	433		435	MHz
	865		870	
Return Loss			-6	dB
Polarization	Linear			
Peak Gain		3		dBi
Impedance		50		Ω

Mechanical Specification

Parameter	Specification
Antenna Dimension	86.0 x 8.0 x 0.8 mm
Cable Type	Coaxial
Cable length	100 mm
Connector Type	MHF-1 (F)
Mounting Type	Adhesive

Environmental Specification

Parameter	Specification
Operating Temperature	-40°C to +85°C
MSL Level	1
RoHS/RoHS II Compliant	Yes (Compliant with EU directive 2011/65/EU and 2015/863)

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