

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



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

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)

ATTENTION: Abracon LLC's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependent Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon LLC is required. Please contact Abracon LLC for more information.



5101 Hidden Creek Ln Spicewood TX 78669
Phone: 512-371-6159 | Fax: 512-351-8858
For terms and conditions of sales, please visit:
www.abracon.com

REVISED: 11-22-21

ABRACON IS
ISO9001-2015
CERTIFIED