

Rubber Duck Antennas

868 MHz Applications

Technical Specification		Photograph / Drawing
Model Number	LWC-868-RD-ST-SMA-PLUG-02	
Frequency (MHz)	865 - 868MHz	
Gain	~1.8 dBi	
Impedance (Ω)	50	
VSWR	< 1.5	
Polarization	Vertical	
Power Handling (W)	10	
HPBW	H: 360 $^{\circ}$; V: 40 $^{\circ}$	
Connector	SMA Plug	
Mechanical Specification		
Dimension (mm)	50 x ϕ 10 mm	<ul style="list-style-type: none">- Compact Size- Low Cost
Housing	Plastic / Black	
Weight	< 10g	
Environmental Specification		Applications
Operational Temperature	-30 $^{\circ}$ to 60 $^{\circ}$ C	<ul style="list-style-type: none">- Sub GHz- Smart Meters- LoRa- LPR
Humidity	5 – 75%	

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