



Echo 31 Dual Band WiFi / WLAN PCB Antenna

Key Features

- Dual Band WiFi / WLAN 2.4GHz / 5GHz
- Bluetooth / ZigBee
- Embedded Solution



General Description

The Echo 31 is a Dual Band WiFi / WLAN dedicated PCB antenna. This multiband antenna comes into its own when a congested 2.4Ghz network is a limitation and the device can utilise the 5GHz alternative band. The Echo 31 antenna can be used with WiFi, Bluetooth, Zigbee and ISM based applications.

With a small footprint size of 50 x 15mm, the Echo 31 is perfect for those applications where internal space for components is limited or when using an external antenna is simply not appropriate. Common applications for the Echo 31 include: waterproof / water tight designs, customer self service kiosks, and low power Zigbee.

Additional Considerations

- 50mm x 15mm allows easy integration into devices
- Uses the less congested 5GHz band
- Excellent gain of 2 3dBi for size



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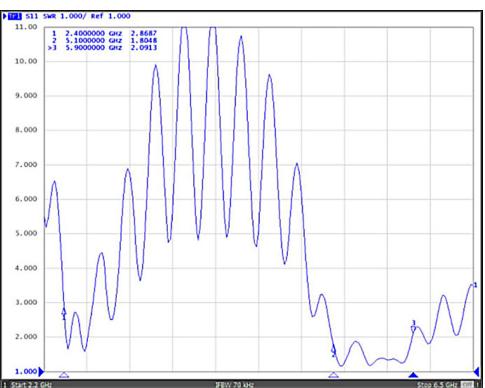
Electrical Specifications

Operating Frequency:	2.4 and 5.58GHz 50W		
Max Input Power:			
Impedance:	50 Ohm		
Peak Gain:	3.0dBi @ 5.25GHz		
VSWR:	<2.8:1		
Polarization:	Vertical		

Mechanical Specifications

Dimensions:	L50 x W15 x H0.8mm (without cable)	
Cable Length:	1.37mm 6 GHz Coax	
Connector:	SMA Male Reverse Polarity	
Operating Temperature:	-20 - +70°C	
Storage Temperature:	-35 - +75°C	

VSWR



Registered in England No. 08405712 VAT Registration No. GB163 04 0349

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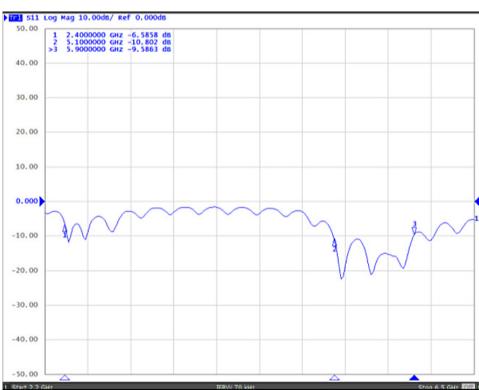
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Return Loss

Ordering Details

Part Number	Description Dual Band WiFi / WLAN PCB Antenna 500mm SMA Male			
ECHO31/0.5M/SMAM/S/S/17				
ECHO31/0.5M/SMAM/RP/S/17	Dual Band WiFi / WLAN PCB Antenna 500mm SMA Male Reverse Polarity			
Registered in England No. 08405712 VAT Registration No. GB163 04 0349	Siretta Ltd Basingstoke Road Spencers Wood	sales fax email	+44(0)118 976 9014 +44(0)118 976 9020 sales@siretta.com	

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