



Echo 17 WiFi / WLAN PCB Antenna

Key Features

- WiFi / WLAN 2.4GHz
- Bluetooth / ZigBee
- Embedded

General Description

The Echo 17 is a WiFi / WLAN dedicated PCB antenna that achieves good levels of performance for its size, owed to fine tuning between 2.4 and 2.5GHz.

Tuned to this frequency band means the Echo 17 antenna can be used with WiFi, Bluetooth, Zigbee and ISM based applications.

With its small footprint the Echo 17 is perfect for applications where internal space for components is limited or when using an external antenna is simply not appropriate.

Additional Considerations

- Small size allow easy integration into small spaces
- Specifically tuned to provide optimal performance for 2.4 2.5GHz frequency band



sales

email

web

fax

Siretta Ltd Basingstoke Road Spencers Wood Reading Berkshire RG7 1PW +44(0)118 976 9014 +44(0)118 976 9020 sales@siretta.com www.siretta.com





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Electrical Specifications

Operating Temperature range:	-20 - +60°C
Operating Frequency:	2.4 - 2.5GHz
Impedance:	50 Ohm
Peak Gain:	2.6dBi
VSWR:	2.0:1
Polarization:	Vertical

Mechanical Specifications

Dimensions:	L45 x W10 x H0.7mm (without cable)
Cable Length:	L100 x 1.13mm
Connector:	IPEX
Operating Temperature:	-30 - +70°C
Storage Temperature:	-35 - +75°C



Stirl Stir Stirl Stirl <thS 2.4000000 GHz 1.5566 2.4200000 GHz 1.2721 2.4400000 GHz 1.0474 2.4600000 GHz 1.1738 2.4800000 GHz 1.4174 2.5000000 GHz 1.4174 Log Mag 10.00 Phase 9.000 Group Delay Smith 8.000 Polar 7.000 Lin Mag 6.000 Real 5.000 Imaginary Expand Phase 4.000 Positive 3,000 2.000 1.000 1 3 GHz C? 1 013-04-22 11:0

VSWR

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Impedance



Ordering Details

Part Number

Description

ECHO17/0.1M/IPEX/S/S/15

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Registered in England No. 08405712 VAT Registration No. GB163 04 0349 Siretta Ltd Basingstoke Road Spencers Wood Reading Berkshire RG7 1PW +44(0)118 976 9014 +44(0)118 976 9020 sales@siretta.com www.siretta.com

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