



Alpha 10 2.4GHz WiFi / Bluetooth Blade Antenna

Key Features

- Gain 2.6 to 3dBi
- WiFi: 2400 2500MHz
- Mounts on any non metallic surface



General Description

The Alpha 10 is a slim, adhesive base WiFi 2.4GHz blade antenna.

The Alpha 10 is tuned to operate within the 2.4GHz to 2.5GHz band, making this antenna perfect for WiFi, Bluetooth and Zigbee applications.

The Alpha 10 achieves a reputable peak gain of 3.03dBi, helping to improve the short range signal transmission/reception of WiFi modems, Bluetooth gadgets or low power ZigBee sensors.

Custom cable lengths and alternative connector types can be supplied for volume orders.

Additional Considerations

- Mounts discretely, good for covert use
- Intended for internal to equipment use
- Meets all EU compliance criteria for electronic goods



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Alpha 10

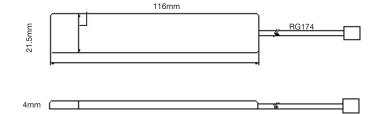
2.4GHz WiFi / Bluetooth Blade Antenna

Electrical Specifications

Operating Temp Range:	-40 - 85°C
Impedance:	50 Ohm
Peak Gain:	3.03dBi
VSWR:	≤1.5.1
Max Input Power:	50W
Frequency:	2400 - 2500MHz
Polarization:	Vertical

Mechanical Specifications

Dimensions:	L115 x W22 x 4mm
Cable:	RG174
Mounting Method:	Adhesive



E5071C Net ork Am 1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State Resiz 698.00000 MHz -6.7589 dB 824.00000 MHz -7.9914 dB 868.00000 MHz -7.7912 dB 960.00000 MHz -7.7932 dB 1.7100000 GHz -7.6494 dB 1.8500000 GHz -23.118 dB 2.1700000 GHz -18.450 dB 2.1700000 GHz -18.450 dB 40.00 Phase 30.00 Group Delay Smith 20.00 Polar 10.00 Lin Mag 0.000 SWR Real -10.00 MARMAN MARMM Imaginary -20.00 Expand Phase Positiv Phase -30.00 Return -40.00 -50.00 Start 600 MH IFBW 70 ki 3 GHz Off

Return Loss

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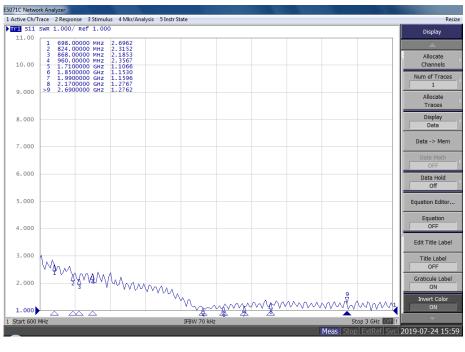
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VSWR

Ordering Details

Part Number

Description

ALPHA10/2.5M/SMAM/S/S/20 2.4GHz WiFi / Bluetooth Blade Antenna 2.5M SMA Male

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