



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





2.4 GHz APXTENDER "RUBBER DUCK" ANTENNA

The 5.5 dBi APXtender indoor rubber duck omnidirectional antenna is used to extend the range of indoor access points or client bridges in 802.11 2.4GHz wireless LAN environments. The antenna features a 360° horizontal transmission pattern and a 50° vertical transmission pattern. The transmit/receive element can be tilted in relation to the base to direct signal where it is needed (0°, 45°, 90°). The antennas are available in various connectors to fit most wireless radio equipment.

FEATURES AND BENEFITS

- 5.5 dBi gain 2.4 GHz omnidirectional indoor antenna
- Direct replacement for 2.2 dBi rubber duck antenna that is standard on most indoor access points and bridges
- Extends range of 2.4 GHz wireless access points or wireless bridges
- Improved detent for better position stability
- Improved more rugged construction
- Improved more flexible radome
- Improved temperature operation range to 70°C
- Improved styling

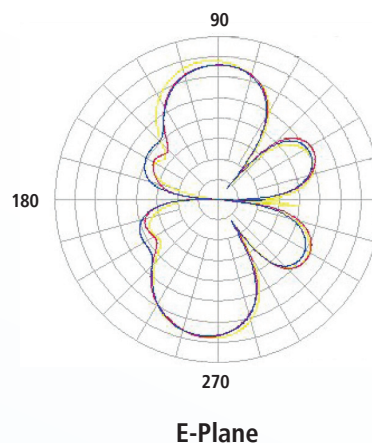
SPECIFICATIONS

PARAMETER	
Frequency range	2400 - 2485 MHz
Gain	5.5 dBi
VSWR	1.5:1
Impedance	50 ohm
Input power	10 watts
Operating temperature	-10° to +70°C
Weight	1.2 oz (34 g)
Dimension (Height x Dia)	8.07" x 0.57" D (205 mm x 14.5 mm D)

MARKETS

- 2.4 GHz wireless access points
- 2.4 GHz wireless routers
- 2.4 GHz wireless client bridges
- 2.4 GHz wireless equipment

ANTENNA PATTERNS



SYSTEM ORDERING

- IN24-5RD-SMA 5.5 dBi 2.4 GHz APXtender – SMA Male Connector
 IN24-5RD-RSMA 5.5 dBi 2.4 GHz APXtender – Reverse Polarity SMA Connector (Dlink, smartBridges, etc)
 IN24-5RD-RTNC 5.5 dBi 2.4 GHz APXtender – Reverse Polarity TNC Connector (Linksys, Cisco, etc)

global solutions: local support™

Americas: +1.847.839.6907
 IAS-AmericasEastSales@lairdtech.com

Europe: +1.32.80.7866.12
 IAS-EUSales@lairdtech.com

Asia: +1.65.6.243.8022
 IAS-AsiaSales@lairdtech.com

www.lairdtech.com

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