



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





OC24594 LOW PROFILE DIPOLE ACCESS POINT ANTENNA

Today's work and lifestyles require us to communicate anytime, anywhere... whether on the move or sitting still. Bluetooth and 802.11 standards make wireless connections to computer networks and other devices possible, while at the same time enabling freedom of movement.

Laird's practical and rugged external wireless device antennas are designed to fit into the access points used in office, industrial, and home environments. The antenna features dual resonant flexible elements that have reduced ground dependence thereby desensitizing performance variation typically associated with antenna location on the access point.

FEATURES

- ½ wave dipole design for improved performance.
- Low profile white polycarbonate, UL94-V0, UV stable radome.
- IP54 Rated for harsh indoor environments.

MARKETS

- Bluetooth & IEEE 802.11a/b/g devices.
- Office LAN environments.
- Warehouse & Manufacturing.
- Retail & hospitality.

PARAMETER	SPECIFICATIONS	
Model	OC24594-FRTN	
Frequency Bands, MHz	2400-2500	4900-5925
Peak Gain, dBi (Avg)	1.0	2.8
Peak Gain, dBi (Max)	1.3	4.1
VSWR (Avg)	1.7:1	1.3:1
VSWR (Max)	2.0:1	2.0:1
Nominal Impedance	50Ω	
Polarization	Vertical	
Azimuth 3 dB Beamwidth	360°	
Elevation 3 dB Beamwidth	75°	54°
Max Power (Ambient 25°C)	10 Watts	
Antenna Dimensions (Dia x H)	75.9 mm x 19.8 mm (2.99 in. x 0.78 in.)	
Weight	35 g (0.08 lbs)	
Connector	Fixed RP TNC male	
Antenna Color	White	
Radome	Polycarbonate, UL94-V0, UV Stable	
Operating Temperature	-30°C to +70°C (-22°F to +158°F)	
Storage Temperature	-40°C to +85°C (-40°F to +185°F)	
Ingression Protection	IP54	
Material Substance Compliance	RoHS	

Americas: +1.847.839.6925
IAS-AmericasSales@lairdtech.com

Europe: +44.1628.858941
IAS-EUSales@lairdtech.com

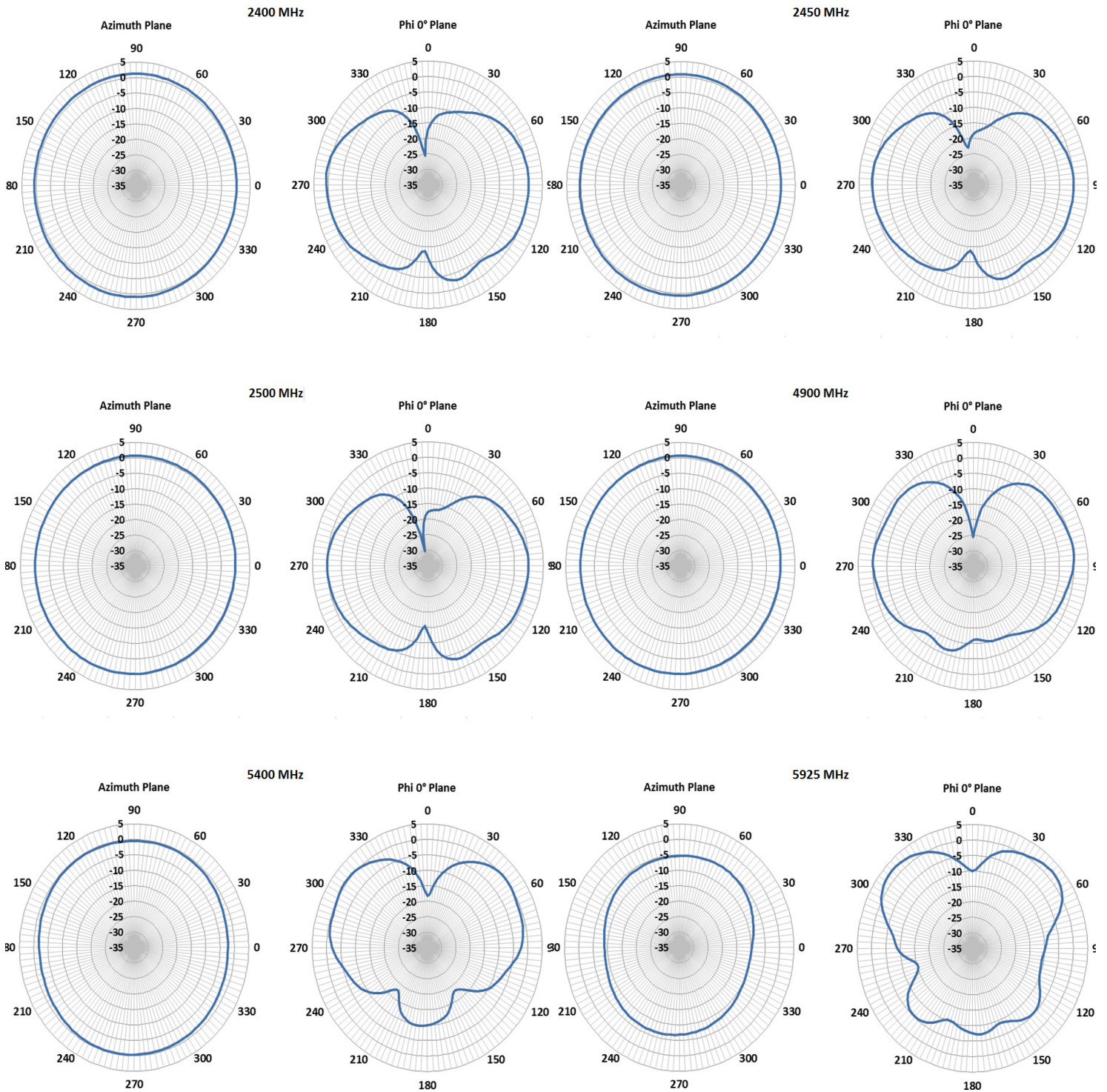
Asia:
IAS-AsiaSales@lairdtech.com

Middle East and Africa: +44.1628.858941
IAS-MEAUSales@lairdtech.com

www.lairdtech.com

Laird warrants to the original end user customer of its products that its products are free from defects in material and workmanship. Subject to conditions and limitations Laird will, at its option, either repair or replace any part of its products that prove defective by reason of improper workmanship or materials. This limited warranty is in force for the useful lifetime of the original end product into which the Laird product is installed. Useful lifetime of the original end product may vary but is not to exceed five (5) years from the original date of the end product purchase.





ANT-DS-OC24594 0417

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