

OC24594

Access Point Antenna

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.

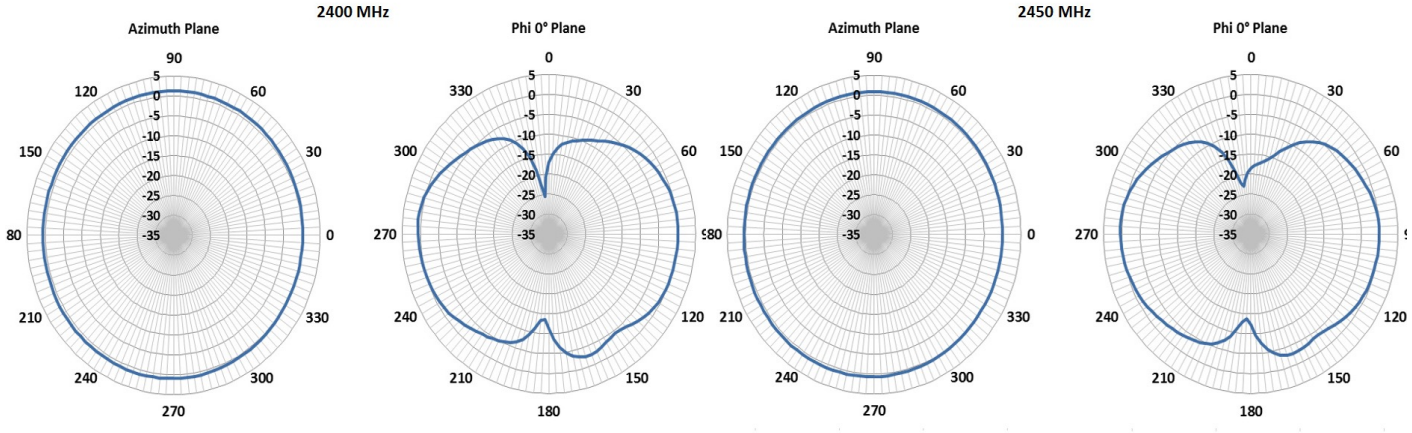
FEATURES

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

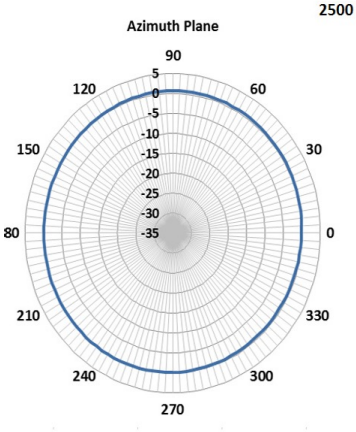
MARKETS

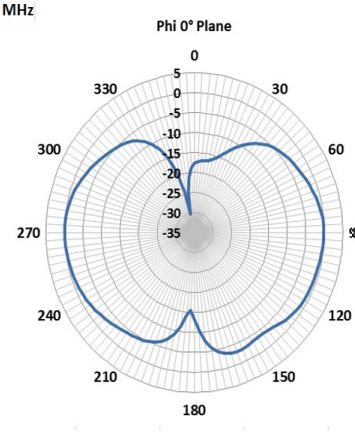
- Bluetooth & IEEE 802.11a/b/g devices.
- Office LAN environments.
- Warehouse & Manufacturing.
- Retail & hospitality.

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	

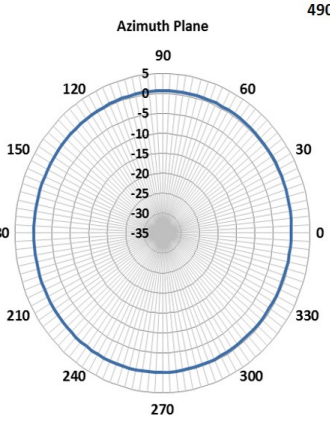


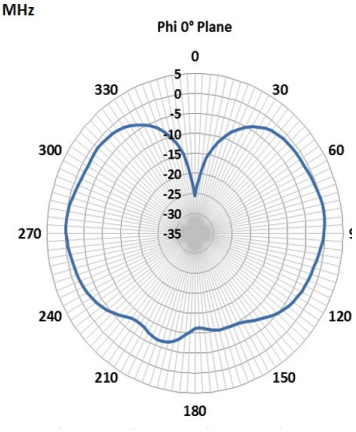
2500 MHz



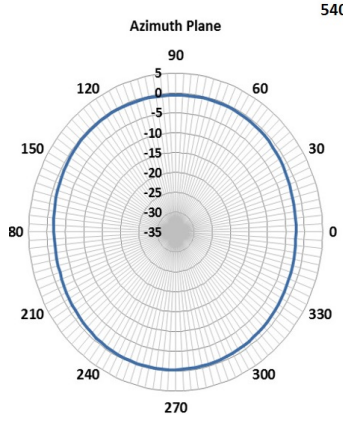


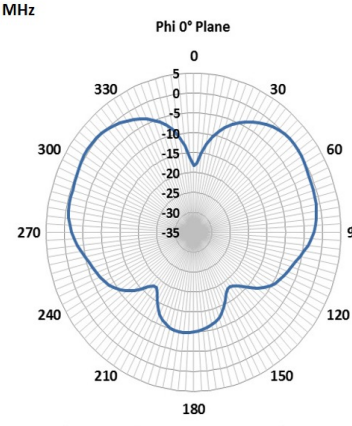
4900 MHz



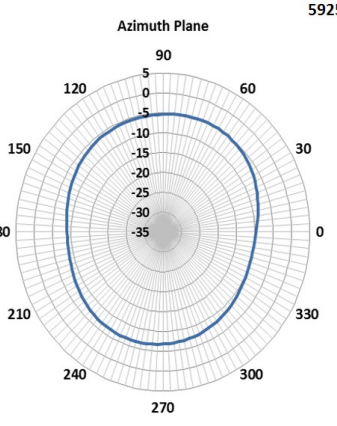


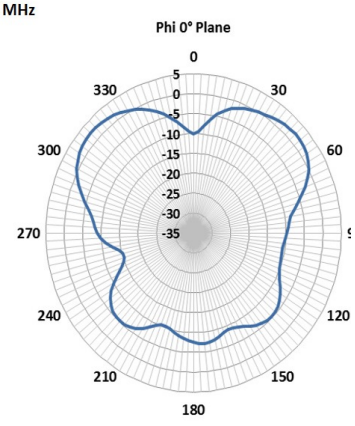
5400 MHz





5925 MHz





TE TECHNICAL SUPPORT CENTER

USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico:	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

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is now part of
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