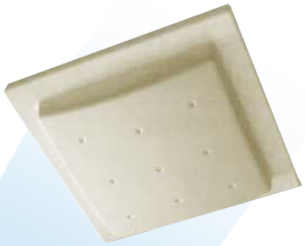
Laird TECHNOLOGIES

Innovative **Technology** for a **Connected** World

SQ24493P
Dual Band Squint Antenna



DUAL BAND, OMNIDIRECTIONAL SQUINT ANTENNA

Laird Technologies new dual band omnidirectional squint antenna allows the customer to install one antenna system and continue to use that one antenna system regardless of the 802.11 mode of operation or frequency band. Your customer can install and use the antenna system for 802.11b or g service today and can continue to use the antenna to support an 802.11a system if they deploy one at some later date. Customers deploying an 802.11b or g system might intend keeping those systems functioning while also deploying an 802.11a system, can deploy some number of them for b/g and at some later date deploy them for 802.11a. They can mix and match as they deploy while maintaining the same aesthetic approach for all of their antennas.

Pattern shapes are uniform and symmetrical providing high levels of signal density into defined coverage zones, an important feature for high data rate, high capacity environments such as offices. Standard cable length is 36 inches and the standard connector is the reverse polarity TNC. However other coax length and connector alternatives are available as well.

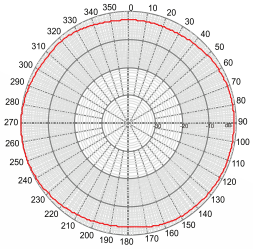
FEATURES

- 802.11 A/B/g and wide band frequency coverage
- Variety of cable lengths and connectors available
- Neutral color and diminutive profile

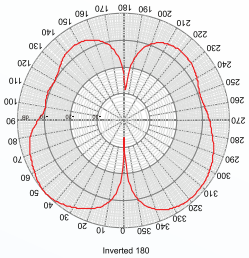
MARKETS

- WiMAX

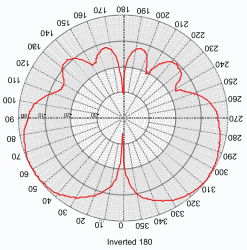
PARAMETER	SQ24493P
Frequency (GHz)	2.4 - 2.5 & 4.90 - 5.99
Gain (dBd)	3 dBi (nominal)
VSWR	2:1
Polarization	Vertical Linear
Beamwidth E-Plane	56°
Azimuth Beamwidth	Omnidirectional
RF connector (m)	SMA
Dimensions (in)	4 x 4 x 0.875
Mount	Ceiling
Pigtail (in.)	12
Enclosure	UB Stable / ASA
Power (Watts)	10
Weight (Antenna Only) lb (kg)	0.26 (0.11)



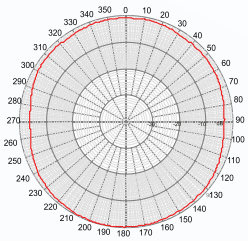
H- PLANE 2.4 Ghz



E- PLANE 2.4 Ghz



E- PLANE 5.5 Ghz



H- PLANE 5.5 Ghz

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

ANT-DS-SQ24493P 0611

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2011 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.