

Smart Technology. Delivered.

Squint

Cellular Patch Antenna



HIGH PERFORMANCE, LOW PROFILE CEILING MOUNT ANTENNA

The omni-directional "Squint" cellular patch antenna was engineered with a 3.5 dBi dipole like pattern shape and ceiling mount feature which provides an extremely low profile for minimum visual impact. The radiation pattern has a 55 degree beamwidth with the maximum directed at 45 degrees from the horizontal plane. This compact design provides system engineers with an aesthetically pleasing antenna solution to build out seamless microcellular and picocellular cell sites quickly and efficiently. Superior electrical performance is achieved because of the high quality etched copper circuitry which substantially improves cellular service quality, decreasing both interference and lost calls.

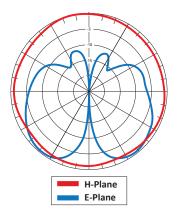
FEATURES

- · Low profile
- 2.5dBi gain at the horizon
- Superior electrical perfomance
- High quality etched copper circuitry

MARKETS

- Industrial and educational complexes
- · Healthcare centers and office buildings
- Shopping malls
- Transportation centers

MODEL	SQ8243P12NF	SQ8803P12NF	SQ8963P12NF	SQ9023P12NF
Frequency (MHz)	824-896 MHz	880-960 MHz	896-940 MHz	902-928 MHz
Impededance (Ohms)	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	1:5:1	1:5:1	1:5:1	1:5:1
Polarization	Linear	Linear	Linear	Linear
Gain	3.5 dBi	3.5 dBi	3.5 dBi	3.5 dBi
Beamwidth, E-Plane	Peak at 45°	Peak at 45°	Peak at 45°	Peak at 45°
RF Connector (f)	N-Female	N-Female	N-Female	N-Female
Weight lb. (kg)	1.8 lb, .82 kg	1.7 lb, .76 kg	1.7 lb, .76 kg	1.7 lb, .76 kg
Mounting	Surface	Surface	Surface	Surface
Dimensions in.(cm)	10" x 10" x 1-1/2" (25.4x25.4x3.8 cm)			



Americas: +1.847 839.6925 IAS-AmericasEastSales@lairdtech.com

Europe: +44.1628.858941 IAS-EUSales@lairdtech.com

Asia: +86.21.5855.0827.127 IAS-AsiaSales@lairdtech.com

www.lairdtech.com

ANT-DS-SQUINT 1115

Any information furnished by Laird Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird materials rests with the end user, since Laird and its agents cannot be aware of all potential uses. Laird makes no warranties as to the fitness, merchantability or suitability of any Laird materials or products for any specific or general uses. Laird shall not be liable for intental or consequential damages of any kind. All Laird products are sold pursuant to the Laird Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. @ Copyright 2015 Laird Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Logo, and other marks are trademarks or registered trademarks of Laird Inc. an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird or any third party intellectual property rights.