Laird
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.

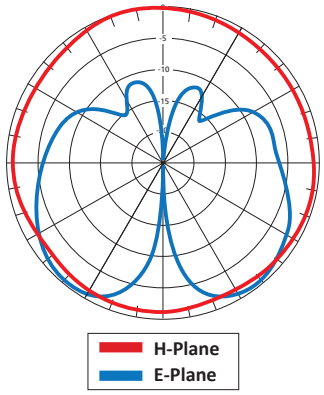
FEATURES

- 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)	10” x 10” x 1-1/2” (25.4x25.4x3.8 cm)	10” x 10” x 1-1/2” (25.4x25.4x3.8 cm)	10” x 10” x 1-1/2” (25.4x25.4x3.8 cm)



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