Laird TECHNOLOGIES

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

SQ2303P
Omni-directional Antenna

SQUINT™ PANEL ANTENNA

The SQ2303P omni-directional antenna offers a unique solution to the low power characteristics of RF distribution systems, microcells and picocells. Squint antennas provide omni-directional azimuth plane pattern characteristics while focusing energy where it is most desired. The unique pattern characteristics of the Squint series also help mitigate the kinds of multipath problems that often confront systems designed to provide in-building or campus-wide coverage.

Squint antennas are offered with ceiling mount hardware and vertical column mount hardware for system infrastructure applications as well as hardware for mounting to vending machines and other fixed remote apparatus.

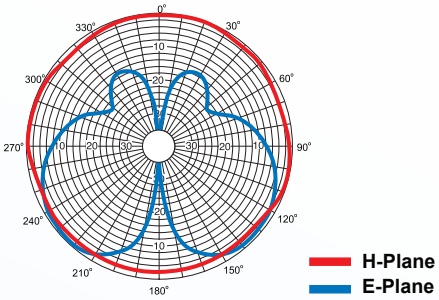
Squint antennas are available with integral coax pigtails and a variety of connectors or can be supplied with fixed connectors. All enclosures are UV stabile.

FEATURES

- Low profile housing
- Pattern optimized for access point and RF distribution systems
- Coax and connector types variable

MARKETS

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



PARAMETER	SQ2303P12NF	SQ1853P12NF	SQ1713P12NF
Frequency (MHz)	2400 - 2500	1850 - 1990	1710 - 1880
Impedance (Ohms)	50	50	50
Gain (dBd)	3.5	3.5	3.5
VSWR	1.5:1	1.5:1	1.5:1
Polarization	Linear	Linear	Linear
Beamwidth E-Plane, deg.	45° (Peak @ 53°)	45° (Peak @ 53°)	45° (Peak @ 53°)
RF connector (f)	N	N	N
Dimensions in. (cm)	6x6x1.25 (15.2x15.2x3.2)	6x6x1.25 (15.2x15.2x3.2)	6x6x1.25 (15.2x15.2x3.2)
Mount	Ceiling	Ceiling	Ceiling
Weight lb (kg)	.52 (.23)	.52(.23)	.52(.23)

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