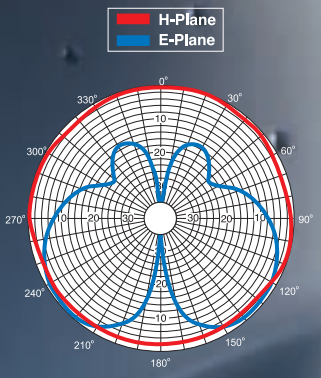
PRODUCT DATA SHEET

CUSHCRAFT CORPORATION

SQUINT™ OMNIDIRECTIONAL PANEL ANTENNAS:

- Low Profile Housing
- Pattern Optimized for Access Point and RF Distribution Systems
- Coax & Connector Types Variable
- See Selector Guide for Available Frequencies



SQ2303P

SQ2303P

SQUINT™ Omnidirectional Panel Antenna

Cushcraft 's SQ2303P omnidirectional antenna offers a unique solution to the low power characteristics of RF Distribution Systems, microcells and picocells. Squint antennas provide omnidirectional azimuth plane pattern characteristics while focusing energy where it is most desired for an in-building or campus-wide coverage environment. 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 come in two sizes and in frequencies from 806 MHz to 5.875 GHz. They 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. Applications for the array include hallways or tunnels within industrial complexes, office complexes, shopping malls, parking garages, airports, hospitals and campus settings and subway systems.

SPECIFICATION CHART

Model	Frequency MHz	Impedance (Ohms)	Gain dBi	VSWR	Polarization	Beamwdth E-Plane, deg.	RF Connector (f)	Dimensions In (cm)	Mount Style	Weight lb (kg)
SQ2303P12NF	2300-2500	50	3.5	1.5:1	Linear	45° (Peak @ 53°)	N	6x6x1.25 (15.2x15.2x3.2)	Ceiling	.52 (.23)
SQ1853P12NF	1850-1990	50	3.5	1.5:1	Linear	45° (Peak @ 53°)	N	6x6x1.25 (15.2x15.2x3.2)	Ceiling	.52 (.23)
SQ1713P12NF	1710-1880	50	3.5	1.5:1	Linear	45° (Peak @ 53°)	N	6x6x1.25 (15.2x15.2x3.2)	Ceiling	.52 (.23)

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