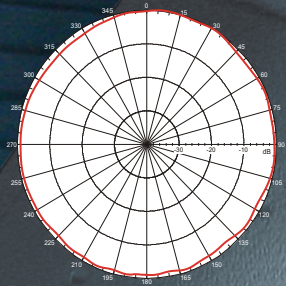
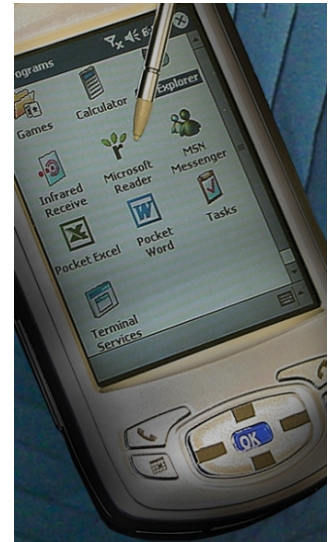
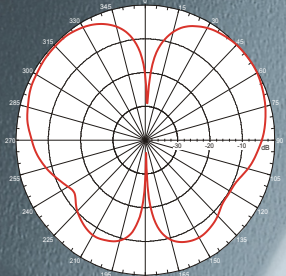




- 3.0 dBi Gain
- Small profile 2"x 2"x 3/4" • 5150-5875 MHz frequency range



H-PLANE



E- PLANE

### 5.150-5.875 GHZ WIDE-BAND CEILING MOUNT SQUINT® ANTENNA

Cushcraft's **SQ5153WP** Squint® antenna provides wide-band and high-gain performance in the 5.150 to 5.875 GHz band. These characteristics give system integrators a single antenna that can be used in a wide variety of point-to-multipoint applications. Its wide bandwidth capability covers UNI I, II, and III frequencies, and worldwide WLAN standards, as well. This attractive unit provides an extremely low profile for minimum visual impact. The radiation pattern has a 50 degree beam width with the maximum directed at 45 degrees from the horizontal plane. A key feature of the Squint® antenna is the use of a unique air dielectric design called MicroAir®.

MicroAir® eliminates the losses associated with etched circuit boards and provides higher performance. Measuring only 2"x 2"x 3/4", this ultra-compact, high performance antenna provides coverage for large indoor open spaces, locations with high ceilings, and many places where extended coverage is needed. The total weight of the antenna is 1.6 ounces (45 grams). The radome configuration provides an excellent antenna solution for system installers to build out seamless microcellular and picocellular cell sites quickly and efficiently. Offices, healthcare facilities, educational or industrial campuses and shopping malls are just a few of the more common applications for this antenna design.

#### PRODUCT TECHNICAL SPECIFICATIONS

Frequency (GHz) :	5.150 - 5.875
Gain (dBi):	3 (nominal)
E-Plane (3 dB beamwidth):	50°
H-Plane (3 dB beamwidth):	Omnidirectional
Polarization:	Linear Vertical
Weight (Antenna Only) lb.(kg):	0.1 (.05)
VSWR:	2:1
Mounting Style:	Ceiling
Dimensions (cm):	5.1 x 5.1 x 1.9
Pigtail:	12"
Enclosure:	Acrylic / PVC
Power (Watts):	5
RF Connector:	SMA

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