Laird TECHNOLOGIES

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

S24493BPX
Dual Band Collinear Omni

DUAL BAND, VERTICALLY POLARIZED OMNI

The wide band S24493BPX antenna offers full band coverage over 802.11b/a/g and includes all hardware required to mount indoors or outdoors. Achieve the no compromise performance expected from a single band radio system in a dual band radio. While many dual band antennas are a compromise between the two operating bands, the Laird Technologies S24493BPX provides full band coverage and omni-directional coverage over both bands. With a design assisted by Laird Technologies' proprietary optimization tools, performance and value are unparalleled.

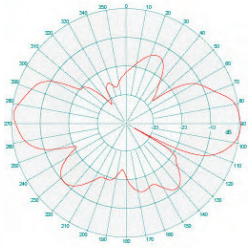
FEATURES

- Vertically polarized omni-directional
- Rugged, lightweight and water resistant
- 2.4-2.9/4.9-5.9 GHz, full 802.11b/a/g wide band performance
- Reverse type SMA connector

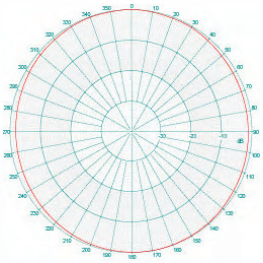
MARKETS

- Outdoor metropolitan mesh networks
- Indoor/outdoor mast mounts
- Point-to-point links supporting broadband wireless systems access
- High to medium density customer premise locations

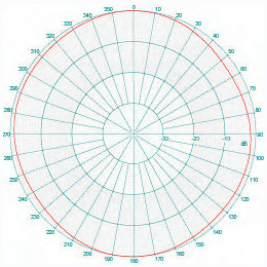
PARAMETER	SPECIFICATION
Frequency Range	2.4-2.5 / 4.9-5.9 GHz
Gain	5 dBi (typical with 3' cable)
3 dB E-Plane low-band/hi-band	25°/ 17°
3 dB Azimuth plane	Omni-directional
Maximum VSWR	2.0:1
Polarization	Linear Vertical
Input Impedance	50 ohm
Weight	0.4 lbs (0.18 kg) antenna only
Mechanical Size	24.75" x 1.0" (62.86 x 2.54 cm)
Wind Survival Rating	Operation 100 mph / Survial 136 mph
Antenna Connection	Reverse SMA
Radome	White UV Polycarbonate
Mount Style	BPXPHK pole mount kit
Temperature	Operational -30°C to +65°C; Storage -40°C to +80°C



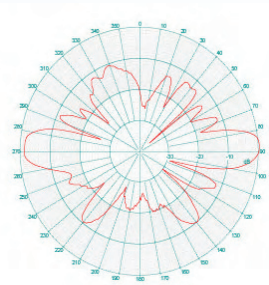
E-Plane 2.45 GHz



H-Plane 2.45 GHz



H-Plane 5.47 GHz



E-Plane 5.47 GHz

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ANT-DS-S24493BPX 0310

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