Smart Technology. Delivered.

Vertically Polarized Omni Antennas

OC24527

DUAL-BAND VERTICALLY POLARIZED OMNI ANTENNA

The wideband OC24527 antenna offers full-band coverage for 802.11b/a/g/n and includes all hardware required to mount indoors or outdoors. The antenna provides 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 OC24527 provides full-band coverage and omnidirectional coverage over both bands. With a design assisted by Laird Technologies' proprietary optimization tools, performance and value are unparalleled.

FEATURES RoHS

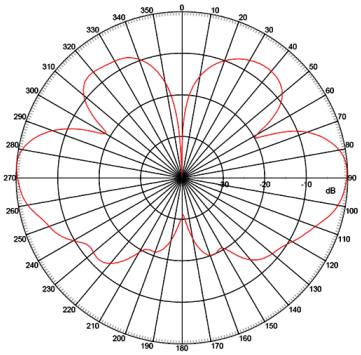
- Vertically polarized omnidirectional
- Rugged, lightweight and water resistant
- Compact size
- 2400-2500 MHz / 5150-5875 MHz, full 802.11b/a/g/n wideband performance

MARKETS

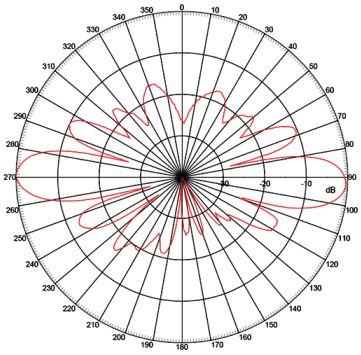
- Outdoor metropolitan mesh networks
- Enterprise WLAN networks
- Indoor/outdoor mast mounts
- High to medium density customer premise locations
- MIMO applications

Parameter	Performance
Frequency	2400-2500 /5150-5875 MHz
Gain	4.5 dBi / 7.5 dBi
Polarization	Linear, Vertical
VSWR	2.0:1 Typical
E-Plane 3 dB Beamwidth	28° / 15°
H-Plane 3 dB Beamwidth	Omnidirectional
Impedance	50 Ω
Power	10 Watts
RF Connector	Type N, Male or Female, Fixed, Standard
Weight	0.15 kg W/out Hardware Kit
Radome	Polycarbonate, UV, White
Operational Temperature	-30°C to +70°C
Storage Temperature	-40°C to +85°C
Mounting	Connector Fixed or Mast Mount Kit, Upright and Inverted Orientation

ANTENNA PATTERNS



2.45 GHz



5.55 GHz

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