

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

# Vertically Polarized Omni Antennas 0C24527

## **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







5.55 GHz

### global solutions: local support

Americas: +1.847 839.6907 IAS-AmericasEastSales@lairdtech.com

Europe: +1.32.80.7866.12 IAS-EUSales@lairdtech.com

Asia: +1.65.6.243.8022 IAS-AsiaSales@lairdtech.com

www.lairdtech.com

#### ANT-DS-OC24527 0111

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user. Laird Technologies materials or products for any specific or general uses. Laird Technologies materials or products for any specific or general uses. Laird Technologies materials or products for any specific or general uses. Laird Technologies materials or products for any specific or general uses. Laird Technologies materials or products for any and specific or general uses. Laird Technologies materials or products for any and factorized and the technologies from the liable for inclemant or the laird Technologies. The sand Conditions of any kind. All Laird Technologies, and the technologies from sand Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2011 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies and other marks or registered trade marks or Laird Echnologies. The anti affect the analys or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.