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Vertically Polarized Omni Antennas 2400 to 2485 MHz Operation

The omnidirectional antenna systems offered by Laird Technologies are constructed of UV-stable fiberglass with all stainless steel brackets standard. They come standard with type N female bulkhead connectors with extra heavy duty nuts for optional standoff type mounting. The 7dBi has a 5 deg electrical downtilt standard which is perfect for close-in wireless systems such as apartment complexes. Because of their unique high performance design which eliminates nulls, they can be used in a wide variety of wireless systems.

Features and Benefits:

- 7 dBi antenna gain
- 5 Deg electrical downtilt
- Type N female integrated bulkhead connector
- Rugged, lightweight and waterproof

Applications

- 2.4 GHz ISM band applications
- Base station antennas
- 802.11b and 802.11g wireless systems
- Point to multi-point systems
- Wireless broadband systems
- WiFi access points

For sales information:

Telephone 801-572-3024

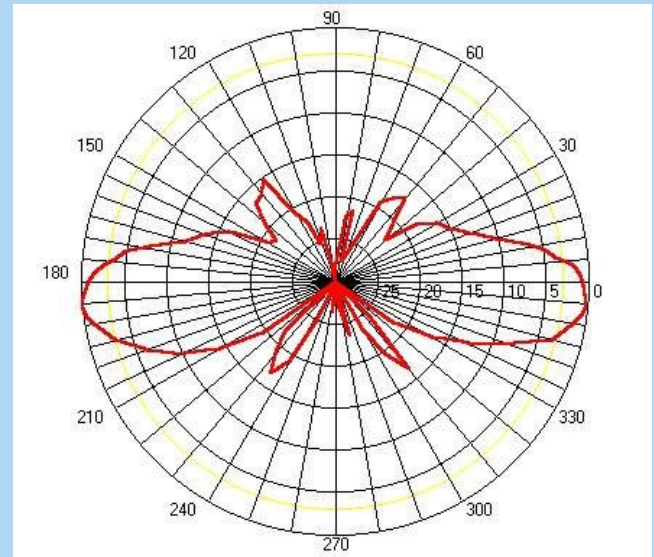
E-Mail sales@pacwireless.com

or visit: www.pacwireless.com

Specifications

Parameter	Min	Typ	Max	Units
Frequency Range	2400		2485	MHz
Input Return Loss (S11)		-14		dB
VSWR		1.5:1		
Impedance		50		OHM
Input Power			100	W
Pole Diameter (OD)	1 (25)		2 (50)	In (mm)
Operating Temperature	-40		+70	Deg C
2400-2485MHZ		OD24-7D5		
Gain		7dBi		
Vertical Beam Width		18deg		
Electrical Downtilt		5deg		
Rated Wind Velocity		125mph (56 M/sec)		
Weight		1.1 Lbs (0.5Kg)		
Dimension (L +/-1.0") Diameter Approx. 0.6" (15mm)		21" (54cm)		

Antenna Pattern

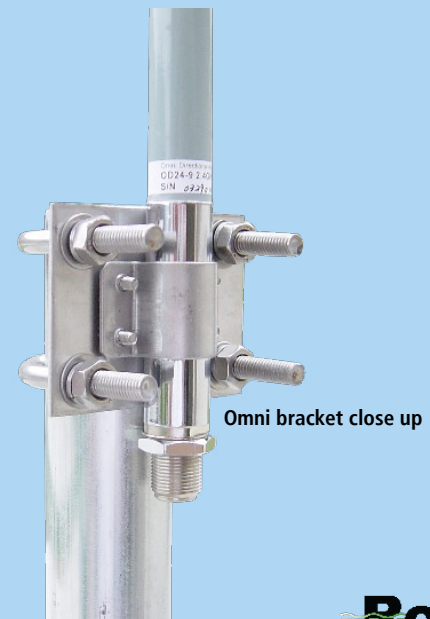


System Ordering:

OD24-7D5 2.4GHz 7dBi omnidirectional antenna with 5 deg electrical downtilt

Notes:

- All shipments F.O.B. Schaumburg, IL 60173
- All antennas carry a 2 Year Warranty



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