

OD24-7D5

VERTICALLY POLARIZED OMNI ANTENNAS

2400-2485 MHZ VERTICALLY POLARIZED OMNI-DIRECTIONAL ANTENNA

The omni-directional antenna systems offered by Laird 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

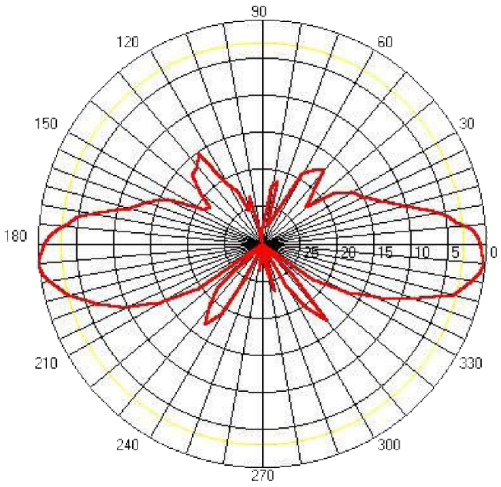
- 7 dBi antenna gain
- 5 Deg electrical downtilt
- Type N female integrated bulkhead connector
- Rugged, lightweight, and waterproof

MARKETS

- 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

PARAMETER	
Frequency range	2400-2485 MHz
Input return loss (S11)	-14 dB
VSWR	1.5:1
Impedance	50 ohm
Input power	100W
Pole diameter (OD)	1”- 2” (25-51mm)
Operating temperature	-40 - +70°C
Rated wind velocity	125 mph (56 m/sec)
Gain	7dBi
Vertical 3dB beamwidth	18°
Electrical downtilt	5°
Weight	1.1 LBS (0.5KG)
Length +/- 1.0 in	21 IN (54 CM)
Diameter	1.5 in (38 mm)

ANTENNA PATTERN



SYSTEM ORDERING

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



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