



## LANTenna Series

### TA-2408 Panel

2400 - 2485 MHz



The TA-2408 is a vertically or horizontally polarized panel antenna. The antenna consists of a printed broadband dipole array enclosed in an aluminum cavity with a UV stabilized ASA capped radome for superior weatherability. It is designed for wireless data in the ISM band and is at DC ground for lightning protection.

#### Electrical Specifications

**Frequency Range:** 2400-2485 MHz  
**Gain: (dBi)** 17  
**VSWR:** 1.5:1 max.  
**Front/Back Ratio:** 30 dB typical  
**Polarization:** Vertical or Horizontal  
**Power Rating:** 100 Watts  
**H-Plane Beamwidth:** 22 degrees  
**E-Plane Beamwidth:** 22 degrees  
**Cross Pol. Discrimination:** 20 dB min.  
**Impedance:** 50 ohms nominal  
**Termination:** N female

Typical Mid band values. (For details, contact factory)

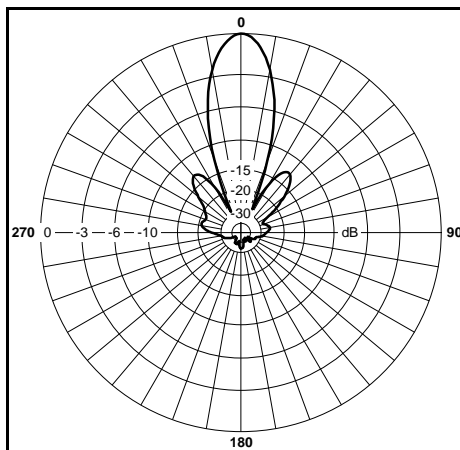
#### Mechanical Specifications

**Length:** 12.6 in. (320 mm)  
**Width:** 11.8 in. (300 mm)  
**Depth:** 3 in. (76 mm)  
**Weight (Incl. Clamps):** 7 lb. (3.2 kg)  
**Rated Wind Velocity:** 125 mph (200 km/h)  
**Hor. Thrust at rated wind:** 65 lb. (29.5 kg)  
**Mechanical Downtilt:** 0 - 15 degrees  
**Mounting Pipe:** 0.75 - 3.0 in. (19 - 76 mm)

#### Materials

**Radiating Elements:** Plated copper on PCB  
**Reflector:** Irridited aluminum  
**Radome:** Gray UV stabilized ASA  
**Clamps:** Aluminum and HDG steel

H-Plane



E-Plane

