



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)

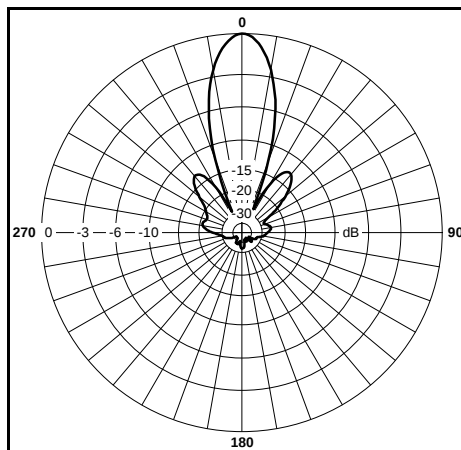
Mechanical Specifications

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

