



The TA-2411 is a vertically or horizontally polarized yagi antenna. The antenna consists of a printed broadband yagi enclosed in a UV stabilized ASA radome for superior weatherability. It is designed for wireless data in the ISM band and is at DC ground to aid in lightning protection.

Electrical Specifications

Frequency Range: 2400-2483 MHz
Gain: 11.5 dBi
VSWR: 1.5:1 max.
Front to Back Ratio: 15 dB min.
Polarization: Vertical or Horizontal
Power Rating: 100 Watts
H-Plane Beamwidth: 47 degrees
E-Plane Beamwidth: 42 degrees
Cross Pol. Discrimination: 15 dB
Impedance: 50 ohms nominal
Termination: N female

Typical mid band values. (For details , contact factory)
 Specifications subject to change without notice

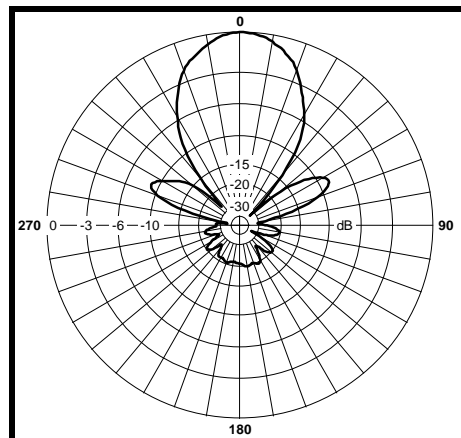
Mechanical Specifications

Length: 10.5 in. (267 mm)
Diameter: 3 in. (76 mm)
Weight (Incl. Clamps): 2 lb. (0.9 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 9 lb. (4 kg)
Mechanical Tilt: 0 - 30 degrees
Mounting (O.D.): 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

