

LANtenna Series

TA-2404-2-90 Sector

2400-2483 MHz



The TA-2404-2-90 is a vertically polarized 90 degree sectoral antenna. It was designed specifically for wireless data and point-to-multipoint radio applications. Radiating elements are protected by a weatherproof radome for operation under severe weather conditions (icing, salt, air, acid rain, etc.) and are at DC ground to aid in lightning protection.

Electrical Specifications

Frequency Range: 2400-2483 MHz
Gain: 10 dBi
VSWR: 1.5:1 max.
Front to Back Ratio: 25 dB typical
Polarization: Vertical
Power Rating: 50 Watts
H-Plane Beamwidth: 90 degrees
E-Plane Beamwidth: 30 degrees
Cross Pol. Discrimination: 12 dB min.
Impedance: 50 ohms nominal
Termination: N female

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

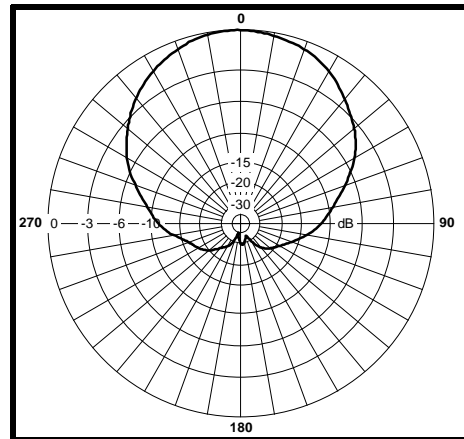
Mechanical Specifications

Length: 12.6 in. (320 mm)
Width: 4.62 in. (117 mm)
Depth: 3.9 in. (100 mm)
Weight (incl. Clamps): 2.2 lb. (1 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 25 lb. (11.4 kg)
Mechanical Tilt: 0 +/- 45 degrees
Mounting (O.D.): 1.0 - 2.0 in. (25 - 50 mm)

Materials

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

H-Plane



E-Plane

