

LANtenna Series

TA-2404-2-160 Sector

2400-2483 MHz



The TA-2404-2-160 is a vertically polarized 160 degree sectoral antenna. The antenna consists of a printed dipole array enclosed in an aluminum base with a UV stabilized radome for superior weatherability. The antenna is at DC ground to aid in lightning protection, and includes both wall and pipe mounting for increased flexibility during deployment.

Electrical Specifications

Frequency Range: 2400-2483 MHz
Gain: 8 +/- 0.5 dBi
VSWR: 1.5:1 max.
Front to Back Ratio: 11 dB min
Polarization: Vertical
Power Rating: 100 Watts
H-Plane Beamwidth: 160 degrees
E-Plane Beamwidth: 35 degrees
Cross Pol. Discrimination: 15 dB min.
Impedance: 50 ohms nominal
Termination: N female

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

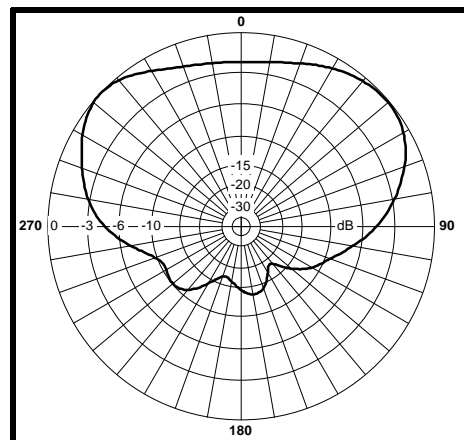
Mechanical Specifications

Length: 7.5 in (295 mm)
Width: 4.75 in. (187 mm)
Depth: 2.56 in. (101 mm)
Weight (incl. Clamps): 2 lb. (0.9 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 10 lb. (4.5 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: Stainless steel

H-Plane



E-Plane

