

TA-1882-4-60 Sector 1880-1930 MHz



The TA-1882-4-60 is a vertically polarized 60 degree sectoral antenna, designed for DECT and PCS applications requiring medium gain and a relatively narrow vertical radiation pattern. The printed circuit radiating assembly and transmission lines are enclosed in an aluminum cavity with a UV stabilized radome for superior weatherability. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Frequency Range: 1880-1930 MHz
Gain: 15 dBi
VSWR: 1.5:1 max.
Front to Back Ratio: 20 dB
Polarization: Vertical
Power Rating: 200 Watts
H-Plane Beamwidth: 60 degrees
E-Plane Beamwidth: 14.5 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

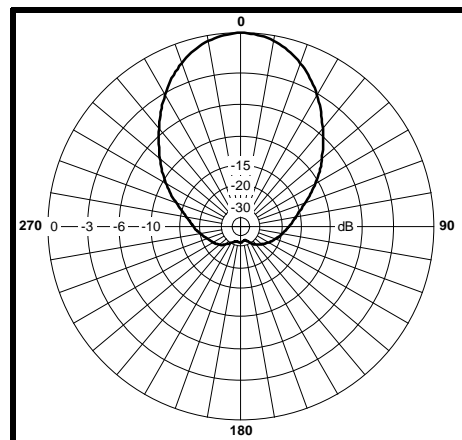
Mechanical Specifications

Length: 23.2 in. (589 mm)
Width: 6.25 in. (161 mm)
Depth: 3.6 in. (92 mm)
Weight (incl. Clamps): 2 lb. (0.9 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 85 lb. (38.6 kg)
Mechanical Tilt: 0 - 30 degrees
Mounting (O.D.): 0.75 - 2.0 in. (19 - 51 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

