

TA-3408 Panel 3400-3700 MHz



The TA-3408 is a vertically or horizontally polarized panel antenna. The antenna complies with ETSI EN 302 085 V1.1.2 Section 6.1 TS3 standard. The TA-3408 consists of a printed broadband dipole array enclosed in an aluminum flat base and a molded plastic radome. The antenna was designed for operation under severe weather conditions and is at DC ground to aid in lightning protection.

Electrical Specifications

Frequency Range: 3400-3700 MHz
Gain: 18 +/- 0.5 dBi
VSWR: 1.5 :1 max.
Front to Back Ratio: 25 dB min.
Polarization: Vertical or Horizontal
Power Rating: 25 Watts
H-Plane Beamwidth: 20° +/- 2°
E-Plane Beamwidth: 20° +/- 2°
Cross Pol. Discrimination: 22 dB min.
Impedance: 50 ohms nominal
Termination: N female

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

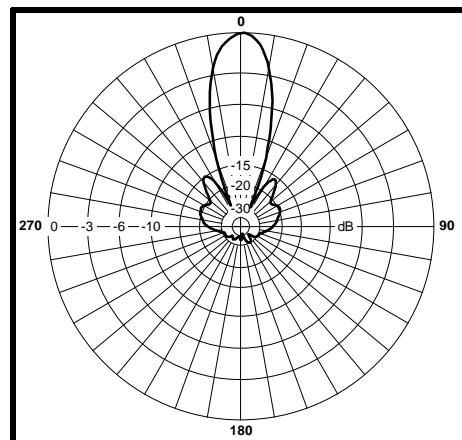
Mechanical Specifications

Length: 9.25 in. (235 mm)
Width: 9.25 in. (235 mm)
Depth: 1.63 in. (41 mm)
Weight (incl. Clamps): 1.5 lbs. (0.68 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 38 lbs. (17.2 kg)
Mechanical Tilt: 0 - 30 degrees
Mounting (O.D.): 0.75 - 2.0 in. (19 - 51 mm)

Materials

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

H-Plane



E-Plane

