



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)

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

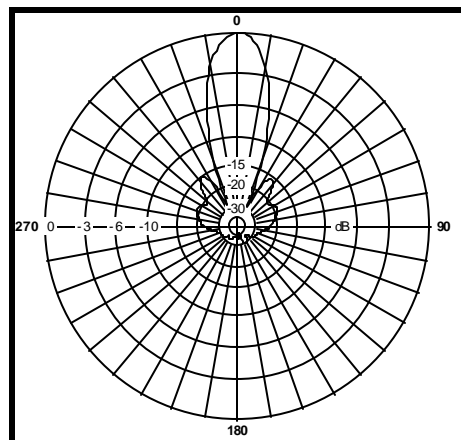
Radiating Elements: Tin-Plated copper on PCB

Reflector: Irridited aluminum

Radome: Gray UV stabilized ASA

Clamps: Aluminum and stainless steel

H-Plane



E-Plane

