

TA-925 Panel 902-928 MHz



The TA-925 is a vertically or horizontally polarized directional panel antenna. The antenna consists of a printed broadband dipole array enclosed in an aluminum base with a UV stabilized ASA radome for superior weatherability. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Frequency Range: 902-928 MHz
Gain: 7.8 +/- 0.5 dBd
VSWR: 1.5:1 max.
Front to Back Ratio: 20 dB
Polarization: Vertical or Horizontal
Power Rating: 50 Watts
H-Plane Beamwidth: 55 degrees
E-Plane Beamwidth: 58 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

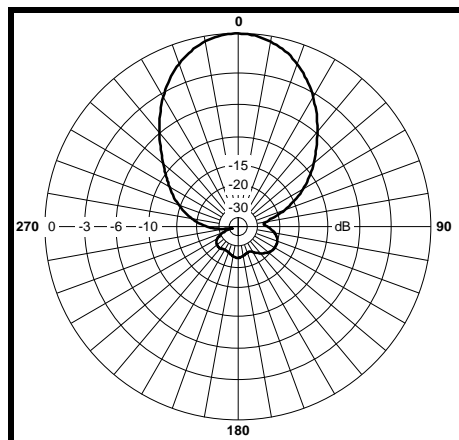
Mechanical Specifications

Length: 12 in. (302.8 mm)
Width: 12 in. (302.8 mm)
Depth: 2.7 in. (68.6 mm)
Weight (incl. Clamps): 5 lb. (2.3 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 63 lb. (28.6 kg)
Mechanical Tilt: 0 +/- 10 degrees
Mounting (O.D.): 1.75 - 3.25 in. (44.5 - 85 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

