

TA-1403 Panel 1425-1535 MHz



The TA-1403 is a medium gain 11 dBi panel antenna. The antenna consists of a broadband dipole enclosed in an aluminum cavity with a UV stabilized ASA radome for superior weatherability. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Frequency Range: 1425-1535 MHz
Gain: 11 dBi
VSWR: 1.5:1 max.
Front to Back Ratio: 25 dB min.
Polarization: Vertical or Horizontal
Power Rating: 250 Watts
H-Plane Beamwidth: 48 degrees
E-Plane Beamwidth: 52 degrees
Cross Pol. Discrimination: 20 dB min.
Impedance: 50 ohms nominal
Termination: N female (7/16 optional)

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

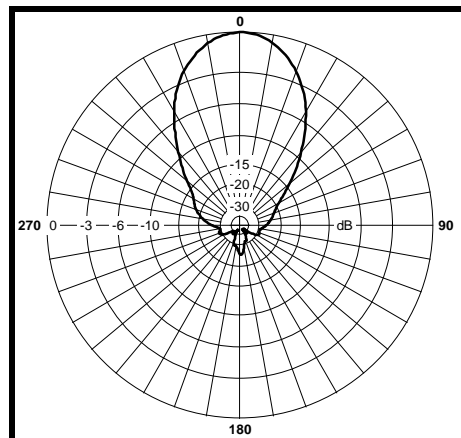
Mechanical Specifications

Length: 14 in. (356 mm)
Width: 12 in. (305 mm)
Depth: 4 in. (102 mm)
Weight (incl. Clamps): 5 lb. (2.3 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 73 lb. (33.2 kg)
Mounting (O.D.): 1.9 in. (48.3 mm)

Materials

Radiating Elements: Irridited aluminum
Reflector: Irridited aluminum
Radome: Gray UV stabilized ASA
Clamps: HDG steel

H-Plane



E-Plane

