

TA-1406 Panel 1425-1535 MHz



The TA-1406 is a medium gain vertically or horizontally polarized panel antenna. The antenna was designed specifically for rural point to multipoint systems and as such has relatively wide beamwidths. It is designed for severe weather conditions. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Frequency Range: 1425-1535 MHz
Gain: 17 dBi
VSWR: 1.5:1 max.
Front to Back Ratio: 25 dB min.
Polarization: Vertical or Horizontal
Power Rating: 200 Watts
H-Plane Beamwidth: 30 degrees
E-Plane Beamwidth: 18 degrees
Impedance: 50 ohms nominal
Termination: N female (7/16 optional)

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

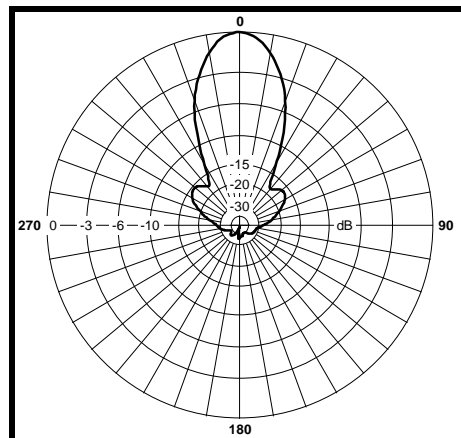
Mechanical Specifications

Length: 24 in. (610 mm)
Width: 17 in. (432 mm)
Depth: 5.5 in. (140 mm)
Weight (incl. Clamps): 10 lb. (4.5 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 159 lb. (72 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

