

TA-2503 Panel

2485-2690 MHz



The TA-2503 is a lower gain, vertically or horizontally polarized panel antenna incorporating a broadband full wave dipole in an aluminum base and UV stabilized radome. It is designed for severe weather conditions. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Frequency Range: 2485-2690 MHz
Gain: 12 dBi
VSWR: 1.5:1 max.
Front to Back Ratio: 25 dB typical
Polarization: Vertical or Horizontal
Power Rating: 100 Watts
H-Plane Beamwidth: 50 degrees
E-Plane Beamwidth: 45 degrees
Impedance: 50 ohms nominal
Termination: N female

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

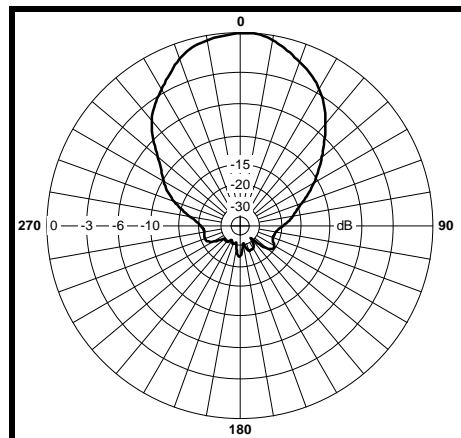
Mechanical Specifications

Length: 13.5 in. (343 mm)
Width: 6.75 in. (172 mm)
Depth: 2.75 in. (69.85 mm)
Weight (incl. Clamps): 5 lb. (2.3 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 41 lb. (18.6 kg)
Mechanical Tilt: 0 +/- 11 degrees
Mounting (O.D.): 0.75 - 3.0 in. (19 - 76 mm)

Materials

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

H-Plane



E-Plane

