

## TA-2506 Panel 2485-2700 MHz



The TA-2506 is a medium gain, vertically or horizontally polarized panel antenna. The antenna has relatively broad E & H plane patterns and is designed for severe weather conditions. The antenna is at DC ground to aid in lightning protection.

### Electrical Specifications

**Frequency Range:** 2485-2700 MHz  
**Gain:** 17 +/- 0.5 dBi  
**VSWR:** 1.5:1 max.  
**Front to Back Ratio:** 25 dB typical  
**Polarization:** Vertical or Horizontal  
**Power Rating:** 100 Watts  
**H-Plane Beamwidth:** 26 degrees  
**E-Plane Beamwidth:** 21 degrees  
**Impedance:** 50 ohms nominal  
**Termination:** N female

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

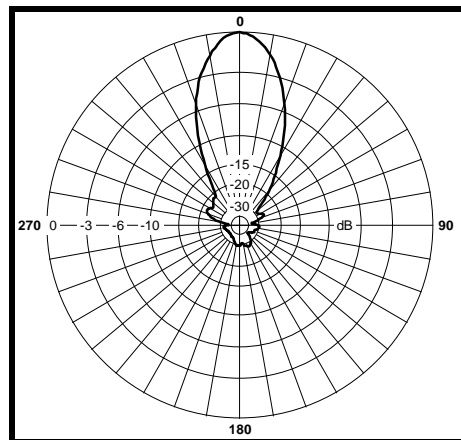
### Mechanical Specifications

**Length:** 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:** Tin plated copper on PCB  
**Reflector:** Irridited aluminum  
**Radome:** Gray UV stabilized ASA  
**Clamps:** HDG steel

H-Plane



E-Plane

