

## TA-2324 Solid Parabolic 2300-2500 MHz



TA-2324



TA-2324R

The TA-2324 is a 24 inch diameter solid parabolic antenna. The antenna feed is bolted to the aluminum reflector so the polarization can easily be changed in the field by rotating the antenna through 90 degrees. A full radome (TA-2324R) is also available for extreme weather conditions.

### Electrical Specifications

**Frequency Range:** 2300-2500 MHz  
**Gain:** 21 dBi  
**VSWR:** 1.35:1 max.  
**Front to Back Ratio:** 28 dB min.  
**Polarization:** Vertical or Horizontal  
**Power Rating:** 100 Watts  
**H-Plane Beamwidth:** 13.5 degrees  
**E-Plane Beamwidth:** 15 degrees  
**Cross Pol. Discrimination:** 25 dB min.  
**Impedance:** 50 ohms nominal  
**Termination:** N female

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

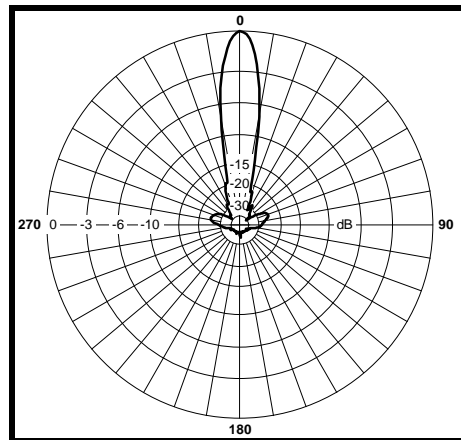
### Mechanical Specifications

**Diameter:** 25.25 in. (641 mm)  
**Depth:** 8 in. (204 mm)  
**Weight (Incl. Clamps):** 20 lb. (9.1 kg)  
**Rated Wind Velocity:** 125 mph (200 km/h)  
**Hor. Thrust at rated wind:** 234 lb. (106.4 kg)  
     **with radome:** 120 lb. (54.4 kg)  
**Mechanical Tilt:** 0 ± 10 degrees  
**Mounting (O.D.):** 1.75 - 4.0 in. (44.5 - 102 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

