

## TA-2311 Yagi

### 2300-2500 MHz



The TA-2311 is a vertically or horizontally polarized yagi antenna. The antenna consists of a printed broadband yagi enclosed in a UV stabilized ASA radome for superior weatherability. It is designed for wireless data in the ISM band and is at DC ground to aid in lightning protection.

#### Electrical Specifications

**Frequency Range:** 2300-2500 MHz  
**Gain:** 11.5 dBi  
**VSWR:** 1.5:1 max.  
**Front to Back Ratio:** 15 dB min.  
**Polarization:** Vertical or Horizontal  
**Power Rating:** 100 Watts  
**H-Plane Beamwidth:** 47 degrees  
**E-Plane Beamwidth:** 42 degrees  
**Cross Pol. Discrimination:** 15 dB  
**Impedance:** 50 ohms nominal  
**Termination:** N female

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

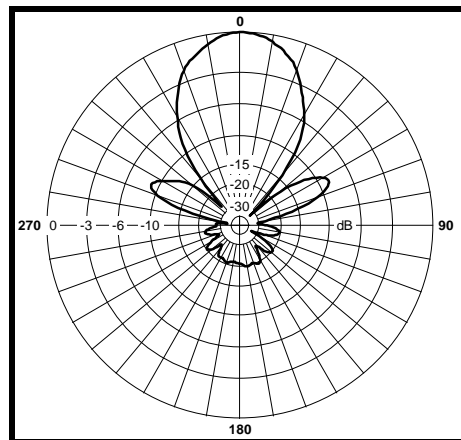
#### Mechanical Specifications

**Length:** 10.5 in. (267 mm)  
**Diameter:** 3 in. (76 mm)  
**Weight (Incl. Clamps):** 2 lb. (0.9 kg)  
**Rated Wind Velocity:** 125 mph (200 km/h)  
**Hor. Thrust at rated wind:** 9 lb. (4 kg)  
**Mechanical Tilt:** 0 - 30 degrees  
**Mounting (O.D.):** 0.75 - 3.0 in. (19 - 76 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

