

LANtenna Series

TA-2424 Solid Parabolic

2400-2483 MHz



TA-2424



TA-2424R

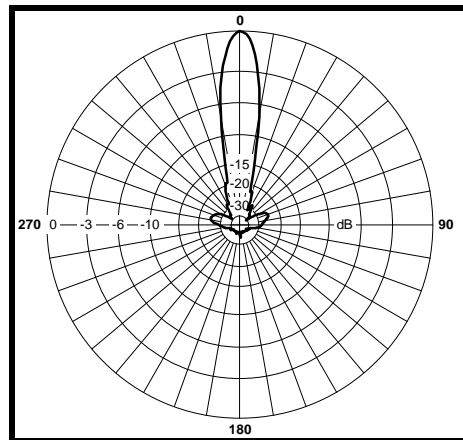
The TA-2424 is a 24 inch diameter solid parabolic antenna. The antenna feed is bolted to the aluminum reflector so the polarization can easily be changed in the field by rotating the antenna through 90 degrees. A full radome (TA-2424R) is also available for extreme weather conditions.

Electrical Specifications

Frequency Range: 2400-2483 MHz
Gain: 21 dBi
VSWR: 1.5:1 max.
Front to Back Ratio: 25 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

H-Plane



Mechanical Specifications

Diameter: 25.25 in. (489 mm)
Depth: 8.0 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: Irridated aluminum
Radome: Gray UV stabilized ASA
Clamps: Aluminum and HDG steel

E-Plane

