

TA-5724R Solid Parabolic

5725-5875 MHz



The TA-5724R is a 24 inch diameter solid parabolic antenna. The polarization can easily be changed in the field by rotating the antenna through 90 degrees. The antenna is at DC ground to aid in lightning protection and it requires a full radome to ensure the feed is protected from all weather conditions.

Electrical Specifications

Frequency Range: 5725-5875 MHz
Gain: 28 dBi
VSWR: 1.5:1 max.
Front to Back Ratio: 30 dB
Polarization: Vertical or Horizontal
Power Rating: 25 Watts
H-Plane Beamwidth: 6 degrees
E-Plane Beamwidth: 6 degrees
Cross Pol. Discrimination: 20 dB min.
Impedance: 50 ohms nominal
Termination: N female

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

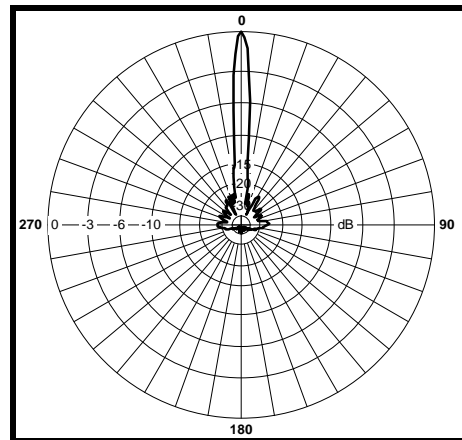
Mechanical Specifications

Diameter: 24 in. (610 mm)
Depth: 9.56 in. (243 mm)
Weight (Incl. Clamps): 20 lb. (9.1 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: N/A
 with radome: 127 lb. (57.6 kg)
Mechanical Tilt: 0 ± 10 degrees
Mounting (O.D.): 1.75 - 4.0 in. (44.5 - 102 mm)

Materials

Radiating Elements: Brass Rod
Reflector: Aluminum
Radome: Gray UV stabilized ASA
Clamps: Aluminum and HDG steel

H-Plane



E-Plane

