



TA-2324-LHCP

Circularly Polarized Solid Parabolic

2330-2345 MHz



The TA-2324-LHCP is a left hand circular polarized solid parabolic intended specifically as a receive antenna for satellite signals. An optional shroud is available to further reduce the front to back ratio to 40 dB for improved interference performance. The antenna elements are at DC ground to aid in lightning protection.

Electrical Specifications

- Frequency Range:** 2330-2345 MHz
- Gain:** 21 dBic
- VSWR:** 1.3:1 max.
- Front to Back Ratio:** 25 dB @ 180° +/- 35°
40 dB opt. @ 180° +/- 35°
- Polarization:** Left Hand Circular
- Power Rating:** 200 Watts
- Elevation Beamwidth:** 13.5 degrees
- Axial Ratio:** 2.5 dB
- Cross Pol. Discrimination:** 15 dB min.
- Impedance:** 50 ohms nominal
- Termination:** 7/16 DIN female

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

Mechanical Specifications

- Diameter:** 26 in. (660 mm)
- Weight (Incl. clamps):** 26 lb. (12.7 kg)
with 3" shroud: 31 lb. (14.06 kg)
- Rated Wind Velocity:** 125 mph (200 km/h)
- Hor. Thrust at rated wind:** 127 lb. (57.6 kg)
- Mechanical Tilt:** +25° to +60°
- Mounting (O.D.):** 1.75 - 4.0 in. (44.5 - 102 mm)

Materials

- Radiating Elements:** Tin plated copper on PCB
- Reflector:** Painted Aluminum
- Radome:** Gray ASA UV stabilized
- Clamps:** HDG steel

Elevation

