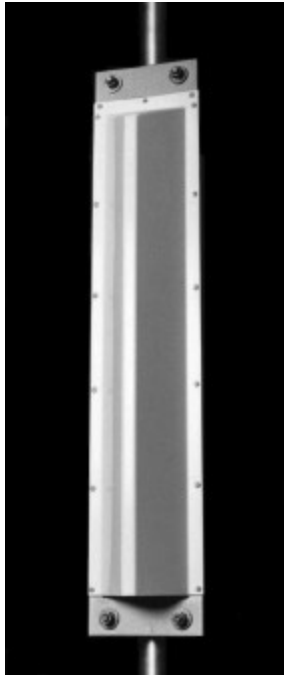


TA-2305H Sector

2300-2500 MHz



The TA-2305H is a horizontally polarized 100 degree sectoral antenna with 11 dBi of gain. The antenna consists of a printed dipole array enclosed in an aluminum base with a UV stabilized radome for superior weatherability. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Frequency Range: 2300-2500 MHz
Gain: 11 dBi
VSWR: 1.5:1 max.
Front to Back Ratio: 16 dB
Polarization: Horizontal
Power Rating: 50 Watts
H-Plane Beamwidth: 18 degrees
E-Plane Beamwidth: 100 degrees
Cross Pol. Discrimination: 19 dB min.
Impedance: 50 ohms nominal
Termination: N female (7/16 DIN optional)

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

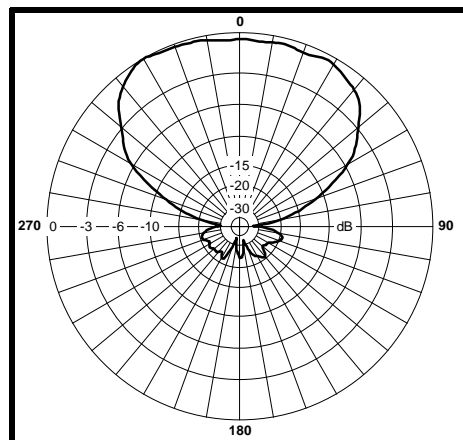
Mechanical Specifications

Length: 40 in. (1016 mm)
Width: 8 in. (203 mm)
Depth: 4.75 in. (121 mm)
Weight (incl. Clamps): 16 lb. (7.3 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 93 lb. (42.3 kg)
Mechanical Tilt: 0 - 15 degrees (optional)
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: HDG steel

E-Plane



H-Plane

