TA-2308 Panel

2300-2500 MHz

The TA-2308 is a vertically or horizontally polarized panel antenna. The antenna consists of a printed broadband dipole array enclosed in an aluminum cavity with 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: 17 dBi
VSWR: 1.5:1 max.
Front to Back Ratio: 30 dB
Polarization: Vertical or Horizontal
Power Rating: 25 Watts
H-Plane Beamwidth: 22 degrees
E-Plane Beamwidth: 22 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

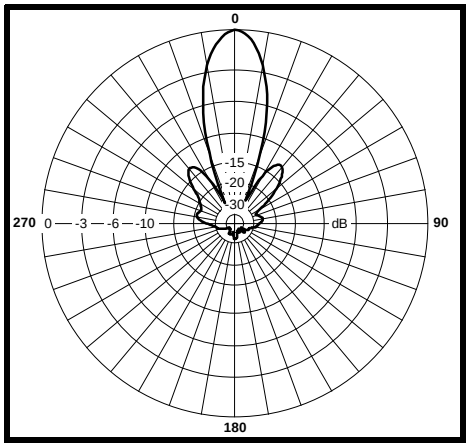
Mechanical Specifications

Length: 12.75 in. (324 mm)
Width: 13.6 in. (345 mm)
Depth: 3 in. (76 mm)
Weight (incl. Clamps): 7 lb. (3.2 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 75 lb. (34.0 kg)
Mechanical Tilt: 0 +/- 11 degrees
Mounting (O.D.): 0.75 - 3.0 in. (19 - 76 mm)

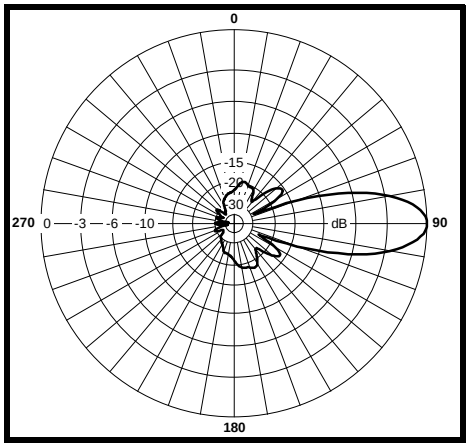
Materials

Radiating Elements: Plated copper on PCB
Reflector: Irridited aluminum
Radome: Gray UV stabilized ASA
Clamps: Aluminum and HDG steel

H-Plane



E-Plane



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