

TA-926H-4-120 Sector 902-928 MHz



The TA-926H-4-120 is a horizontally polarized 120 degree sectoral antenna. It consists of a broadband dipole array on an aluminum base with a UV stabilized ASA radome for superior weatherability. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Frequency Range: 902-928 MHz
Gain: 9 dBd +/- 0.5 dBd
VSWR: 1.5:1 max.
Front to Back Ratio: 18 dB min
Polarization: Horizontal
Power Rating: 200 Watts
H-Plane Beamwidth: 19°
E-Plane Beamwidth: 115°
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

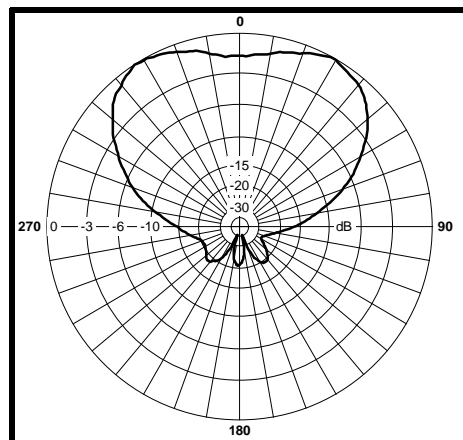
Mechanical Specifications

Length: 48 in. (1220 mm)
Width: 21 in. (533.4 mm)
Depth: 8 in (203 mm)
Weight (incl. Clamps): 29 lb. (13.2 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 437 lb. (198.2 kg)
Mechanical Tilt: 0 - 13 degrees
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: EDZ steel

E-Plane



H-Plane

