TA-3402H-8-60 Sector

3400-3700 MHz

The TA-3402H-8-60 is a horizontally polarized 60 degree sectoral antenna designed to comply with the ETSI EN 302 085 V1.1.2 Section 6.2 CS3 standard. 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: 3400-3700 MHz
Gain: 17 +/- 1 dBi
VSWR: 1.5:1
Front to Back Ratio: ETSI CS3
Polarization: Horizontal
Power Rating: 20 Watts
H-Plane Beamwidth: 10 degrees
E-Plane Beamwidth: 60 degrees
Cross Pol. Discrimination: ETSI CS3
Impedance: 50 ohms nominal
Termination: N female

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

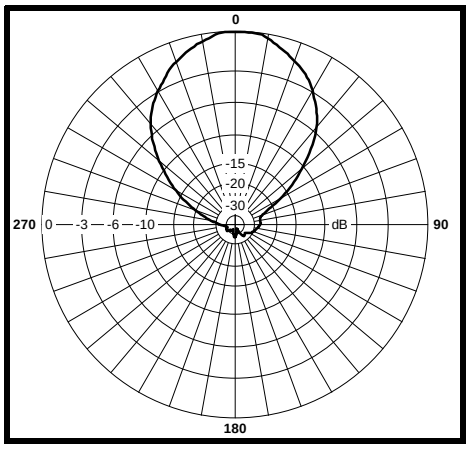
Mechanical Specifications

Length: 23.9 in. (607.1 mm)
Width: 10.6 in. (269.2 mm)
Depth: 2.74 in. (69.85 mm)
Weight (incl. Clamps): 5 lb. (2.27 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 110 lb. (49.9 kg)
Mechanical Tilt: 0 - 20 degrees
Mounting (O.D.): 0.75 - 3.0 in. (19 - 76 mm)

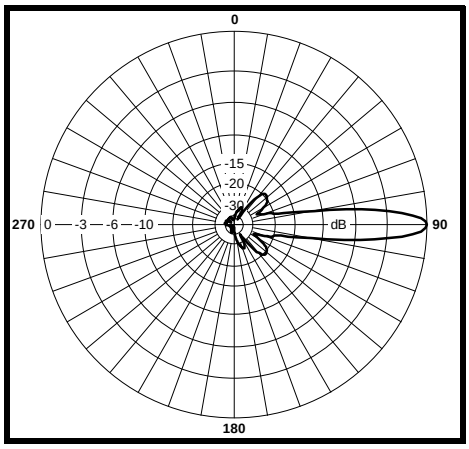
Materials

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

E-Plane



H-Plane



500 Van Buren Street
P.O. Box 550
Kemptville, ON K0G 1J0
Canada

ISO 9001:2000
CGSB Registered
Certificate 961004

T: 613-258-5928
T: 877-ANTENNA
F: 613-258-7418
www.tiltek.com