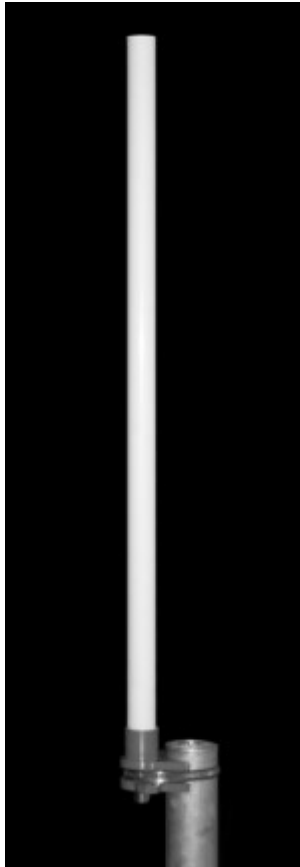


TA-4952 Omnidirectional 4940-4990 MHz



The TA-4952 is a 10 dBi omnidirectional antenna consisting of end fed collinear dipoles in a UV stabilized fiberglass radome. The antenna is designed for severe weather conditions and is at DC ground to aid in lightning protection. The TA-4952 has been developed in response to customer requests specifically with and for the Public Safety Band in mind which demands optimal performance and reliability at an affordable price.

Electrical Specifications

Frequency Range: 4940-4990 MHz
Gain: 10 +/- 0.5 dBi
VSWR: 1.7:1 max.
Polarization: Vertical
Power Rating: 75 Watts
H-Plane Beamwidth: 360 degrees
E-Plane Beamwidth: 5 degrees
Cross Pol. Discrimination: 20 dB typ, 15 dB min.
Impedance: 50 ohms nominal
Termination: N female

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

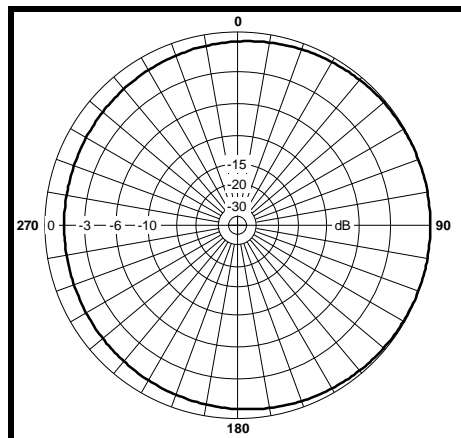
Mechanical Specifications

Length: 34 in. (864 mm)
Diameter: 1.0 in. (25 mm)
Weight (Incl. Clamps): 1.0 lb. (0.454 kg)
Rated Wind Velocity: 125 mph (200 km/h)
Hor. Thrust at rated wind: 15 lb. (6.8 kg)
Mounting (O.D.): 0.75 - 3.0 in. (19 - 76 mm)

Materials

Radiating Elements: Plated Copper on PCB
Radome: White UV stabilized fiberglass
Clamps: Stainless steel

H-Plane



E-Plane

