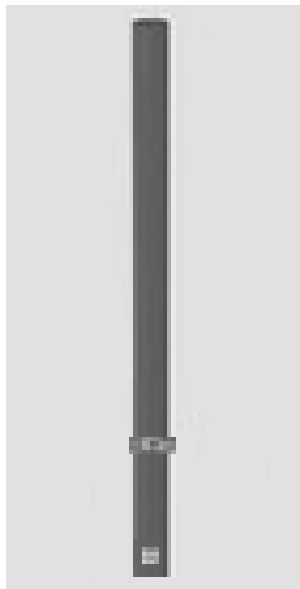


A925V-50 Omni-directional Hi-Gain Antenna 902 - 928 MHz



The A925V is a vertically polarized 8.4 dBi omnidirectional antenna. The antenna consists of phased array in a UV stabilized plastic radome. The antenna is designed for severe weather conditions. It is at DC ground potential to aid in lightning protection.

Applications:

- Wireless Data and Voice Networks
- WiFi hotspot, base, Bluetooth, ZigBee
- Suppresses fading
- Doubles the wireless range
- Light weight
- Improves BER, throughput, and reliability

Electrical Specification

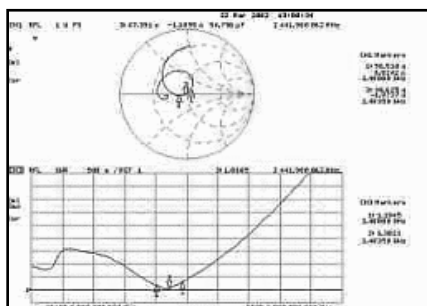
Frequency Range: 902 -928 MHz
Gain: VSWR: 8.4 dBi (902 – 928) MHz
VSWR: 1.25 max.
Polarization: Vertical
Power Rating: 5 Watts
Horizontal-Plane: 360 deg
Vertical-Plane: 16 / 27 deg / 360°
Cross Pol. Discrimination: 16 dB min.
Impedance: 50 ohms nominal
Termination: SMA female

Mechanical Specification

Diameter: 0.5 in.
Length: > 12 in.
Weight: 0.2 lb.
Rated Wind Velocity: 62mph
Vert. thrust at rated wind: 3.5 lb.
Mounting (D.): 0.5 in.

Materials

Radiating Elements: Copper
Radome: UV Stabilized Plastic
Clamps: Aluminum and Plastic



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