

900-930MHz 9dBi Gain

HORIZONTAL POLARIZED ANTENNA

Reliable Performance: Rated at 100 watts, you can expect years of continuous service. This antenna's gain is rated at 9dBi. The radiating element is of a slot design. This design has been used for many years in commercial broadcast radio and television to provide horizontally polarized signals. By using horizontal polarization there is much less interference in areas where dense usage of the 902-928 band occurs.

Rugged Construction: The radome element consists of an aluminum housing with a black powder coated surface. The mounting brackets are made of epoxy coated heavy steel and stainless steel straps.

Weatherproof: The black polyester epoxy coating provides excellent weather protection and resists ice build-up.

Lightweight: These antennas are lightweight at less than 14 lbs. They are designed to withstand winds of 125 MPH.

Simple Installation: These antennas are supplied with a standard mount kit that can mount on a 2 1/2" mast.

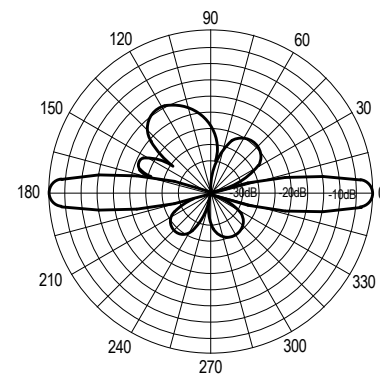


ELECTRICAL SPECIFICATIONS:

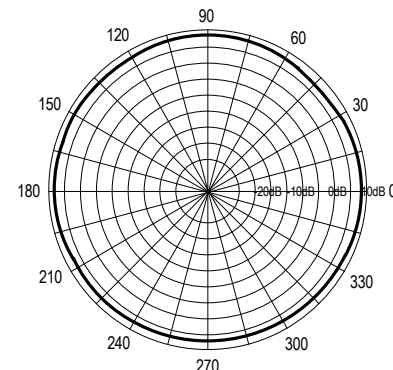
FREQUENCY:	900-930MHz
GAIN:	9dBi
VERTICAL BEAMWIDTH:	14°
HORIZONTAL BEAMWIDTH:	360°
BANDWIDTH:	30MHz @ <2.0:1
POWER RATING:	100 watts
IMPEDANCE:	50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH:	53" High, 10" Wide 2" Deep
WEIGHT:	14 lbs.
RADOME, RADIATOR:	Epoxy coated aluminum
MOUNTING ASSY:	Epoxy coated steel & stainless steel
MOUNTING:	2 1/2" Diameter mast
FLAT PLATE AREA:	3.68 ft ²
WIND RATING:	125 MPH
LATERAL THRUST:	165.6 lbs.



Vertical Pattern



Horizontal Pattern