Technical Specification

375-400 MHz 6dBd Gain 120° Sector

Reliable Performance: Rated at 250 watts and 6dB gain, you can expect years of continuous service. This antenna provides 120° coverage at full gain.

Rugged Construction: The radiating elements are constructed of copper & copper alloy. They are encased in a fiberglass radome for total environmental protection. The assembly is designed to withstand winds of over 125 MPH.

Weatherproof: The fiberglass radome is ultraviolet inhibited. The reflector assembly is epoxy powder coated aluminum for superior weather protection.

Installation: All hardware for installation on an existing 2 ½" diameter mast or tower leg is supplied.

Heavy duty galvanized steel hardware and downtilt hardware options are optional.

ELECTRICAL SPECIFICATIONS:

FREQUENCY: 375-400MHz

 GAIN:
 6dBd

 VSWR:
 <2:1</td>

 BANDWIDTH:
 >20 MHz

 FRONT TO BACK:
 >17 dB

 POWER RATING:
 250 watts

BEAMWIDTH: Vert: 30 degrees

Horiz: 120 degrees

IMPEDANCE: 50 ohms

MECHANICAL SPECIFICATIONS:

RADIATOR: Internal copper alloy elements

REFLECTOR ASSY: Powder coated aluminum 30" H x12" W

RADOME: White UV inhibited fiberglass

TERMINATION: Female N

 LENGTH:
 30"

 WIDTH:
 12"

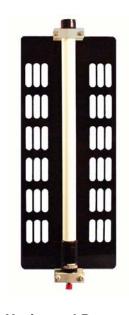
 WEIGHT:
 12 lbs.

 FLAT PLATE AREA:
 2 ft²

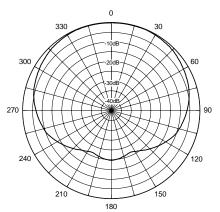
 WIND RATING:
 125 MPH

 LATERAL THRUST:
 135 lbs.

BASE STATION ANTENNA



Horizontal Pattern



Vertical Pattern

