

Technical Specification

2400/2500 MHz

Y442409
YAGI ANTENNA

High Performance: This 4 element yagi provides 9dBi / 7dBd gain.

Rugged and weatherproof: The radome construction provides excellent weather protection. The radome is constructed of UV inhibited ABS. The heavy duty mounting plate is extruded aluminum. Stainless steel V bolts are provided for long term reliability and resistance to corrosion.

Lightweight and Durable: This yagi antenna is easily installed by one person, yet is designed to withstand 125 MPH winds.

Termination Options:

Type A: 12" Teflon pigtail with N connector.

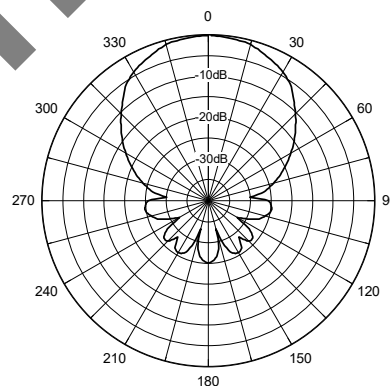
MECHANICAL SPECIFICATIONS

MATERIAL: 1/2" (1.27cm) aluminum U channel boom
RADOME: 3" (7.6cm) UV inhibited ABS
LENGTH: 4" (10cm)
WEIGHT: 1 lb. (2.54cm)
MOUNTING: 2 1/2" (6.35cm) mast maximum
FLAT PLATE AREA: .055 ft²
WIND RATING: 125 MPH (201kph)
WIND LOAD: 2.47 lbs. (1.1kg)

ELECTRICAL SPECIFICATIONS

GAIN: 9dBi / 7dBd
FREQUENCY: 2400-2500MHz
F to B RATIO: 15dB
BANDWIDTH: >100MHz
VERT BEAMWIDTH: 50°
HORIZ BEAMWIDTH: 45°
VSWR: 1.5:1
POWER RATING: 150 watts
IMPEDANCE: 50 ohms

Horizontal Pattern



Vertical Pattern

