

Technical Specification
2400/2500 MHz

Y442414
YAGI ANTENNA

High Performance: This 14 element yagi provides 14dBi / 12dBd gain.

Rugged and weatherproof: Our radome enclosed construction provides excellent weather protection for our solid element U channel yagi antennas. 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" (30cm) Teflon pigtail with N connector.



MECHANICAL SPECIFICATIONS

MATERIAL: 1/2" (1.27cm) aluminum U channel boom
3/16" solid elements
RADOME: 3" (7.6cm) UV inhibited ABS
LENGTH: 16" (41cm)
WEIGHT: 2 lb. (907g)
MOUNTING: 2 1/2" (6.35cm) mast maximum
FLAT PLATE AREA: .26 ft²
WIND RATING: 125 MPH (201kph)
WIND LOAD: 17.6 lbs. (7.9kg)

ELECTRICAL SPECIFICATIONS

GAIN: 14dBi / 12dBd
FREQUENCY: 2400-2500MHz
F to B RATIO: 20dB
BANDWIDTH: >100MHz
VSWR: 1.5:1
POWER RATING: 150 watts
IMPEDANCE: 50 ohms