

Technical Specification

2400/2500 MHz

Y422416
YAGI ANTENNA

High Performance: This 16 element yagi provides 14dBi / 12dBd gain.

Rugged and weatherproof: Our hybrid radome construction provides excellent weather protection for our driven element. 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:

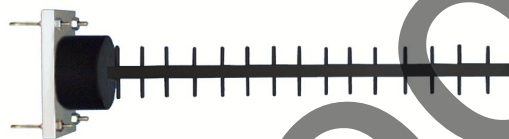
Type A: 12" Teflon pigtail with N connector.

MECHANICAL SPECIFICATIONS

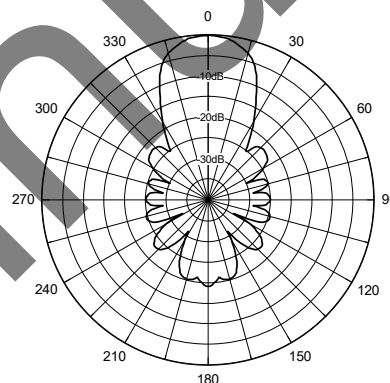
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|-------------------------|--|
| MATERIAL: | 1/2" aluminum U channel boom 3/16" solid elements |
| RADOME: | 3" UV inhibited ABS |
| LENGTH: | 18" |
| WEIGHT: | 2 lb. |
| MOUNTING: | 2 1/2" mast maximum |
| FLAT PLATE AREA: | .11 ft ² |
| WIND RATING: | 125 MPH |
| WIND LOAD: | 6.6 lbs. |

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 |
| VERTBANDWIDTH: | 30°-35° |
| HORZ BEAMWIDTH: | 30°-35° |



Horizontal Pattern



Vertical Pattern

