

Technical Specification

1850/1990 MHz YAGI

Y421910
YAGI ANTENNA

High Performance: This 10 element yagi antenna provides 12dBi/10dBd gain with excellent wide band performance.

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:

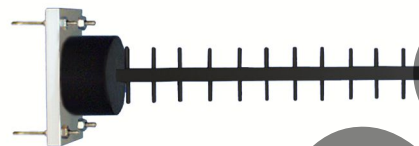
Type A: 12" Teflon pigtail with N connector.

ELECTRICAL SPECIFICATIONS

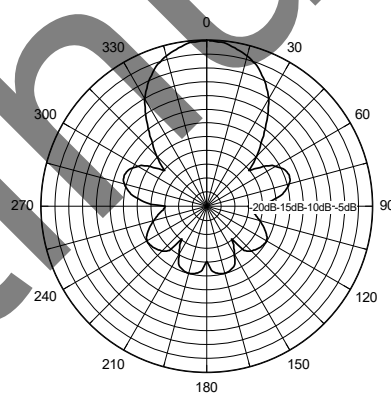
GAIN: 12dBi / 10dBd
FREQUENCY: 1850-1990MHz
F to B RATIO: 20dB
BANDWIDTH: 140MHz
VSWR: <2:1
VERT BEAMWIDTH: 35°
HORIZ BEAMWIDTH: 38°
POWER RATING: 150 watts
IMPEDANCE: 50 ohms

MECHANICAL SPECIFICATIONS

MATERIAL: 1/2" (1.27cm) aluminum U channel boom
 3/16" solid elements
RADOME: 3" (7.6cm) UV inhibited ABS
LENGTH: 18.5" (47cm)
WEIGHT: 2 lb. (997g)
MOUNTING: 2 1/2" (6.35cm) mast maximum
FLAT PLATE AREA: .12 ft²
WIND RATING: 125 MPH (201kph)
WIND LOAD: 8.1 lbs. (4kg)



Horizontal Pattern



Vertical Pattern

