

## Technical Specification

### 1850/1990 MHz YAGI

## Y221910

### YAGI ANTENNA

**High Performance:** This 10 element yagi antenna provides 10dBd gain with wide band performance.

**Rugged and weatherproof:** The construction of our standard duty yagis feature aluminum U channel with solid elements. All exposed areas are coated with UV polyester.

**Lightweight and Durable:** This yagi antenna is easily installed by one person, yet is designed to withstand 100 MPH winds.

#### Termination Options:

**Type A:** 12" (30cm) Teflon pigtail with N connector.

**Type B:** Direct TNC connection to the balun.

#### MECHANICAL SPECIFICATIONS

**MATERIAL:** 1/2" (1.27cm) aluminum U channel boom  
3/16" solid elements

**FINISH:** UV inhibited polyester coat

**LENGTH:** 27" (69.cm)

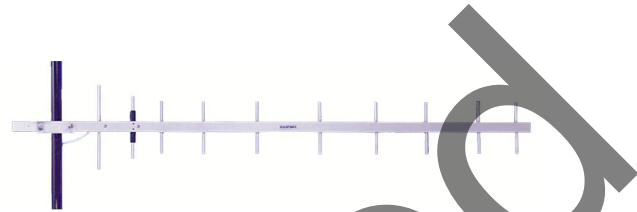
**WEIGHT:** 1 lb. (2.54)

**MOUNTING:** 1 5/8" (1.4cm) mast maximum

**FLAT PLATE AREA:** .119 ft<sup>2</sup>

**WIND RATING:** 125 MPH (201kph)

**WIND LOAD:** 7.2 lbs. (3kg)



#### ELECTRICAL SPECIFICATIONS

**GAIN:** 10 dBd

**FREQUENCY:** 1850-1990MHz

**F to B RATIO:** 20dB

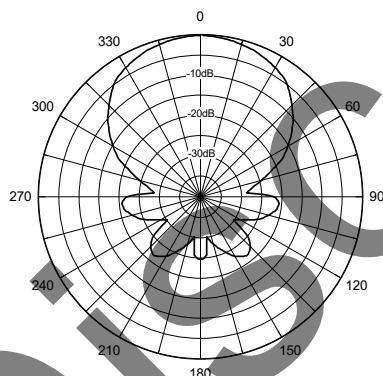
**BANDWIDTH:** 140MHz

**VSWR:** <2:1

**POWER RATING:** 150 watts

**IMPEDANCE:** 50 ohmsΩ

Horizontal Pattern



Vertical Pattern

