

**406-512 MHz 7dB Gain****YAGI ANTENNA**

**High Performance:** These antennas provide 7dBd, wide band performance.

**Rugged and weatherproof:** The construction of our standard duty yagis feature 1/2" aluminum U channel with 1/4" solid elements. All exposed areas are coated with UV polyester. The balun assembly is filled and sealed with elastomeric thermoplastic.

**Lightweight and Durable:** These antennas are easily installed by one person and are designed to withstand winds up to 125MPH.

**Termination Options:**

**Type A:** 12" Teflon pigtail with N connector.

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

**ELECTRICAL SPECIFICATIONS:**

**GAIN:** 7dBd F/B 15dB

**FREQUENCY:** -A 406-430MHz

-B 430-450MHz

-C 450-470MHz

-D 470-490MHz

-E 490-512MHz

**VSWR:** <2:1

**VERT BEAMWIDTH:** 60°

**HORIZ BEAM WIDTH:** 70°

**RATING :** 150 watts, 50 ohms impedance

**MECHANICAL SPECIFICATIONS:**

**MATERIAL:** 1/2" aluminum U channel boom

1/4" solid elements

**FINISH:** UV inhibited polyester coat

**LENGTH:** 18"

**ELEMENT LENGTH:** 14" longest

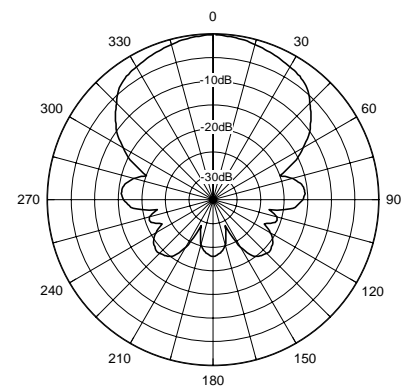
**WEIGHT:** <2 lbs.

**MOUNT:** 1 5/8" mast, stainless hardware

**FLAT PLATE AREA:** .08 ft<sup>2</sup>

**WIND RATING:** 125 MPH

**WIND LOAD:** 4.7 lbs.

**Horizontal Pattern****Vertical Pattern**