

HY GAIN AV-640

HF VERTICAL, 8 BANDS-40/30/20/17/15/12/10/6 M

Hy-Gains new AV-640 Patriot HF vertical is the best built, best performing and best priced multiband vertical available today. Make full use of your sunspot cycle with the Patriots low angle signal. The AV-640 uses quarter wave stubs on 6, 10, 12, and 17 meters and efficient end loading coil and capacity hats on 15, 20, 30, 40 meters. Instead of typical lossy can traps, the AV-640 resonators are placed in parallel not in series. End loading of the lower HF bands allows efficient operation with a manageable antenna height.

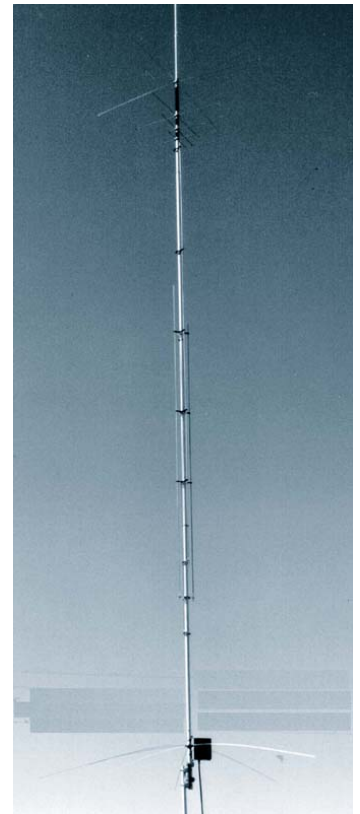
- **No Ground or Radials Needed**
 - Effective counterpoise replaces radials
 - End fed with broadband matching unit

- **Automatic Bandswitching**
 - Single coax cable feed
 - Each band is individually tunable
 - Wide VSWR bandwidth

- **Sleek and low-profile**
 - Low wind surface area
 - Small area required for mounting
 - Mounts easily on decks, roofs, and patios

- **Built to Last**
 - High wind survival
 - Matching unit made from all Teflon(R) insulated wire

- **Hy-Gain Warranty**
 - Two year limited warranty
 - All replacement parts in stock



AV-640 Specifications	
Bands Covered:	6, 10, 15, 17, 20, 30, and 40 Meters
2:1 VSWR Bandwidth	
40 Meter:	150 KHz
30 Meter:	175 KHz
20 Meter:	500 KHz
17 Meter:	500 KHz
15 Meter:	500 KHz
12 Meter:	500 KHz
10 Meter:	1500 KHz
6 Meter:	1500 KHz
VSWR at resonance (typical):	1.5:1
Power Handling (Watts output): key down 2 minutes	1500W
Vertical Radiation Angle:	17 degrees
Horizontal Radiation Angle:	360 degrees
Height:	25.5 feet
Weight:	10.5 pounds
Wind surface area:	2.5 square feet
Wind Survival:	80 MPH