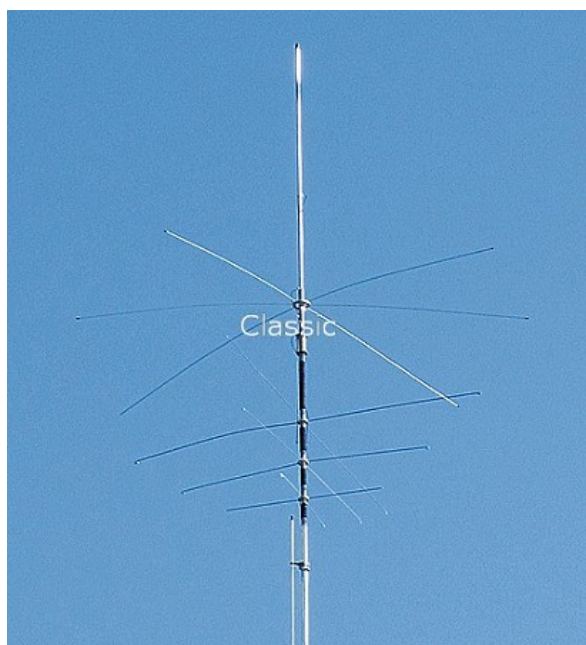
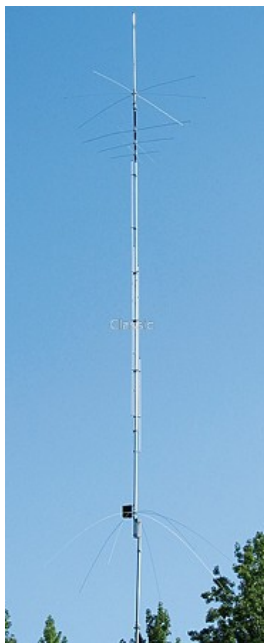


# HYGAIN AV-680

## HF 9-BAND VERTICAL ANTENNA 6-80 M.



Nine band AV-680 vertical antenna covers 80, 40, 30, 20, 17, 15, 12, 10 and 6 meters hy-gain's new PATRIOT HF verticals are the best built, best performing and best priced multiband verticals available today. Make full use of your sunspot cycle with the PATRIOT's low angle signal.

The AV-680 uses quarter wave stubs on 6, 10, 12 and 17 meters and efficient end loading coil and capacity hats on 15, 20, 30, 40 and 80 meters. Instead of typical lossy can traps, the AV-680 resonators are placed in parallel not in series. End loading of the lower HF bands allows efficient operation with a manageable antenna height.

Introducing the new Hy-Gain PATRIOT-PLUS AV-680 with a fully tunable 3.5-4.0 MHz coverage! With the AV-680, you get the same great traditional performance of the AV-640 on 6 through 40 Meters plus top-to-bottom capability on 80 and 75 Meters.

For extreme locations, a safety guy is recommended (common sense)

- No ground or radials needed
- No traps
- No tuning
- Effective counterpoise replaces radials
- End fed with broadband matching unit, made from all Teflon insulated wire
- 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

### Specifications

Bands covered : 6, 10, 12, 15, 17, 20, 30, 40, 80 m.  
2:1 VSWR Bandwidth : 6 m/10 m - 1500 kHz | 12 m-20 m - 500 kHz | 30 m - 175 kHz | 40 m - 150 kHz | 80 m - 75 kHz  
VSWR at resonance : 1:1,5 (typical)  
Power handling : 1500 W output at key down 2 min.  
Vert. radiation angle : 17°  
Hor. radiation angle : 360°  
Height : 7,93 m.  
Radial : 1,83 m.  
Weight : 8,4 kg  
Wind surface area : 0,26 m2  
Wind survival : 128 km/uur (also depending on mounting height)

**Article id:** HYGAIN AV-680

**Price:** € 689,00

**ex VAT € 569,42**