

Look at these features! Fully gold anodized, weather resistant internal matching and enclosed plated brass connector!

☞ Denotes most popular models.

Model	Frequency	Gain	User	\$300-		
				<\$300	\$1000	>\$1000
LOWBAND UNITY GAIN MODELS						
VG**0	** = Frequency	Unity	Call for pricing and delivery.			
VHF UNITY GAIN MODELS						
VG1320	132-150 MHz	Unity	88.54	42.50	40.73	38.96
VG1500	150-174 MHz	Unity	88.54	42.50	40.73	38.96
VG2000	200-225 MHz	Unity	88.54	42.50	40.73	38.96
VG2200	220-250 MHz	Unity	88.54	42.50	40.73	38.96
VHF 3dB GAIN MODEL						
VG1323	132-150 MHz	3dB	122.92	59.00	56.54	54.08
☞ VG1503	150-174 MHz	3dB	122.92	59.00	56.54	54.08
VG2003	200-225 MHz	3dB	122.92	59.00	56.54	54.08
VG2203	220-250 MHz	3dB	122.92	59.00	56.54	54.08
UHF UNITY GAIN MODELS						
VG4060	406-450 MHz	Unity	71.88	34.50	33.06	31.63
VG4500	450-512 MHz	Unity	71.88	34.50	33.06	31.63
UHF 3dB GAIN MODELS						
☞ VG4063	406-450 MHz	3dB	94.79	45.50	43.60	41.71
☞ VG4503	450-512 MHz	3dB	94.79	45.50	43.60	41.71

All models are UPS shippable!

Technical Data

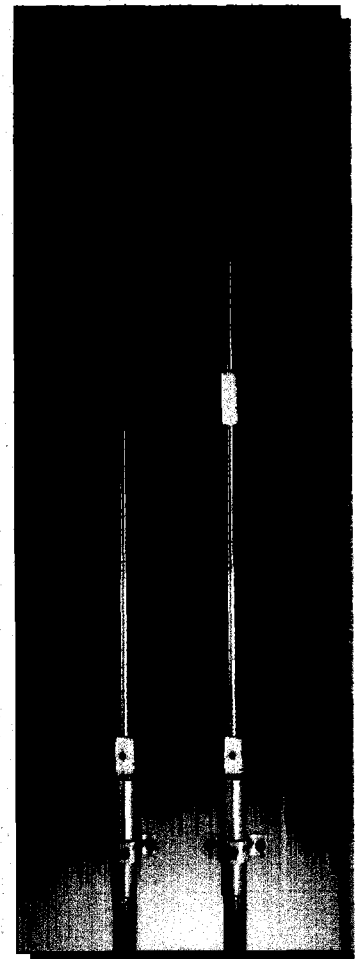
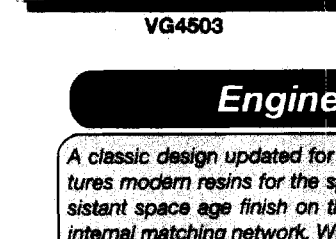
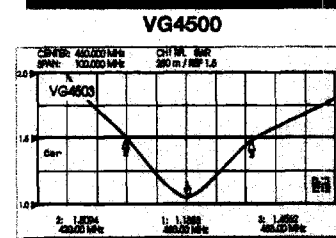
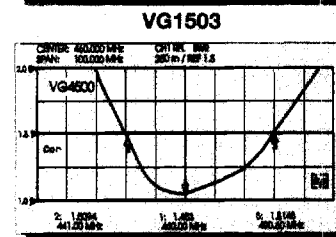
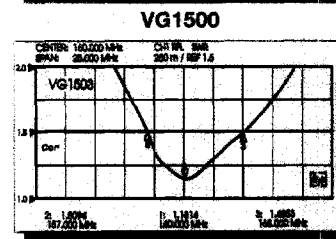
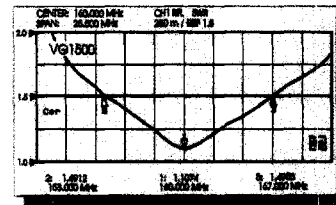
- **Max Power:** 250 Watts
- **Termination:** N Female
- **Lightning Protection:** DC Ground
- **Finish:** Gold Anodized
- **Radiator Material:** 6061-T6 Aluminum Tube
- **Wind Survival:** 100 MPH
- **Length:** VHF 0 dB: 55" - typical extended
VHF 3 dB: 105" - typical extended
UHF 0 dB: 25" - typical extended
UHF 3 dB: 50" - typical extended
- **Vertical Beamwidth:** 0dB: 80 degrees
3dB: 40 degrees
- **Mounting:** Optional FM1 or the FM2 Heavy Duty Mounting Kit
- **Bandwidth @ 1.5:1 VSWR:** Unity: 5% of center frequency
3dB: 3% of center frequency
- **Bandwidth @ 2.0:1 VSWR:** Unity: 10% of center frequency
3dB: 6% of center frequency
- **Weight:** VHF Unity: 1.2 lbs.
VHF 3 dB: 2.0 lbs.
UHF Unity: 0.6 lbs.
UHF 3 dB: 1.0 lbs.
- **Equivalent Flat Plate Area:** VHF Unity: 25 in²
VHF 3 dB: 52 in²
UHF Unity: 12 in²
UHF 3 dB: 25 in²
- **Windthrust @ 100 MPH & 0°F:** VHF Unity: 4-1/2 Lbs.
VHF 3 dB: 9 Lbs.
UHF Unity: 2-1/4 Lbs.
UHF 3 dB: 4-1/2 Lbs.

Ordering Guide - Clear, Easy & Sensible!

VG	Antenna Style	VG = Vertical Gold Aluminum Base Antenna
150	Frequency	Frequency component of part number in bold below:
		132-150 220-250
		150-174 406-450
	200-225 450-512	
3	Gain	0 = Unity
		3 = 3dB

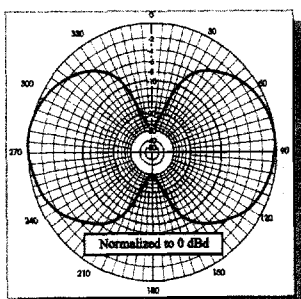
☞ **VG1503** = Vertical Gold Aluminum Base Antenna, 150-174 MHz, 3dB.

VSWR

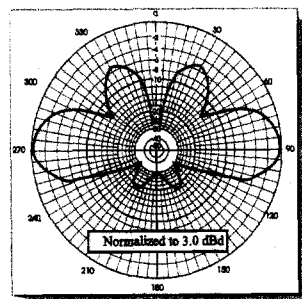


Models shown left to right: VG1500, VG1503 (FM2 used for mounting)

Vertical Field Patterns



VG1500



VG1503

Engineer's Corner

A classic design updated for the 21st century. The Voyager™ features modern resins for the spacers and insulators, a corrosion resistant space age finish on the aluminum and a weather resistant internal matching network. With ease of assembly and disassembly, they break down to fit into a 36" carrying tube which make them perfect for business band applications where flexibility, U.P.S. shippability and low cost are important factors.

The Voyager™ is naturally broad in bandwidth - we fix tune the matching network at the factory. You can fine tune your antenna on the spot, if needed, using our easy to follow charts and a screwdriver. Two mounting kit options are available; the light duty FM1 or the heavy duty FM2 mount (see photo above). It won't be long before the self-proclaimed industry leaders again follow Antenex on this one!