ANTENEX® has extended its VOYAGER® family of base antennas to include several new high gain models which are intended for applications that require weather durability, ease of installation and higher gain. Features include 6061-T6 aluminum construction and a patented broadband internal matching network. The High Gain VOYAGER® also includes expanded bandwidth, field tuneability, wind survival of 100 M.P.H., gold anodized aluminum construction and plated brass "N" connectors. Each VOYAGER® is tested on a HP® network analyzer prior to shipment. All models are UPS shippable!

Technical Data - Product Features & Information

- **Max Power:** 250 watts (VHF, UHF)
500 watts (Lowband)
500 watts (Heavy Duty)
- **Termination:** "N" Female, or optional SO239 connector
- **Impedance:** 50 Ohms - DC Continuity
- **Lightning Protection:** DC Ground
- **Finish:** Gold Anodized
- **Radiator Material:** 6061-T6 Aluminum Tube
- **Wind Survival:** 100 M.P.H. (Standard)
135 M.P.H. (Heavy Duty)
- **Length:** VHF 0 dBi: 55"; 5 dBi: 102" - typical extended
UHF 0 dBi: 25" ; 5 dBi: 35" - typical extended
VG470: 240" - typical ext. (other models vary)
Heavy Duty Voyager Models: 114" - typical ext.
- **Vertical Beamwidth:** 2 dBi: 70°, 5 dBi: 35°
Heavy Duty: 40°
- **Bandwidth @ 1.5:1 VSWR:** 2 dBi: 5% of center frequency
5 dBi: 2.5% of center frequency
6 dBi: 2% of center frequency
- **Bandwidth @ 2.0:1 VSWR:** 2dBi: 10% of center frequency
5 dBi: 5% of center frequency
6 dBi: 4% of center frequency
- **Weight:**

Lowband:	15 lbs
VHF Unity:	1.2 lbs
VHF 5 dBi:	2.5 lbs
UHF Unity:	0.6 lbs
UHF 5 dBi:	1.5 lbs
VBG 3 dBd:	12 lbs

- **Equivalent Flat Plate Area:**

VHF Unity:	36"²
VHF 5 dBi:	72"²
UHF Unity:	15"²
UHF 5 dBi:	22"²
Heavy Duty:	114"²

- **Windthrust @ 100 M.P.H. & 0ºF:**

VHF Unity:	4.5 lbs
VHF 5 dBi:	11.6 lbs
UHF Unity:	2.5 lbs
UHF 5 dBi:	4 lbs
125 M.P.H.: Heavy Duty:	52 lbs

- **Mounting:** FM2 All VHF or UHF models
FM3 or FM3W for lowband & Heavy Duty Models

VG262, VG1502, VG4505

Ordering Guide - Clear, Easy & Sensible!

VG1505 = Voyager® Gold Aluminum Base Antenna, 150-174 MHz, 5 dBi.

VG	Antenna Style	VG = Voyager® Gold Aluminum Base Antenna VBG = Heavy Duty Voyager® Model
150	Frequency	Frequency component of part number in bold below: **26**-30 **30**-34 **34**-40 **40**-47 **47**-54 **88**-108 **132**-150 **150**-174 **200**-225 **220**-250 **406**-450 **450**-512
5	Gain	**2** = 2 dBi **3** = 3 dBi **5** = 5 dBi **6** = 6 dBi

U.S. Patent #5612705 International patents pending.

Model	Frequency	Gain
LOWBAND 2 dBi GAIN MODELS		
VG262	26-30 MHz	2 dBi
VG302	30-34 MHz	2 dBi
VG342	34-40 MHz	2 dBi
VG402	40-47 MHz	2 dBi
VG472	47-54 MHz	2 dBi
VHF 2 dBi GAIN MODELS		
VG882PL	88-108 MHz	2 dBi
VG1322	132-150 MHz	2 dBi
VG1502	150-174 MHz	2 dBi
VG2002	200-225 MHz	2 dBi
VG2202	220-250 MHz	2 dBi
VHF 5 dBi GAIN MODELS		
VG1325	132-150 MHz	5 dBi
VG1505	150-174 MHz	5 dBi
VG2005	200-225 MHz	5 dBi
VG2205	220-250 MHz	5 dBi
VHF 6 dBi GAIN MODELS		
VG1326	132-150 MHz	6 dBi
VG1506	150-174 MHz	6 dBi
VG2006	200-225 MHz	6 dBi
VG2206	220-250 MHz	6 dBi
UHF 2 dBi GAIN MODELS		
VG4062	406-450 MHz	2 dBi
VG4502	450-512 MHz	2 dBi
UHF 5 dBi GAIN MODELS		
VG4065	406-450 MHz	5 dBi
VG4505	450-512 MHz	5 dBi
UHF 6 dBi GAIN MODELS		
VG4066	406-450 MHz	6 dBi
VG4506	450-512 MHz	6 dBi

Model	Frequency	Gain
HEAVY DUTY VHF 3 dB GAIN MODELS		
VBG1323	132-150 MHz	3 dBd
VBG1503	150-174 MHz	3 dBd

Model	Description
MOUNTING OPTIONS	
FM2	Mounting Bracket (2)
FM3	Heavy Duty Large Base Mount (2)
FM3W	Center Weld Duty Base Mount (2)

Note: To convert dBi (isotropic) to dBd (dipole) subtract 2. All models are UPS shippable!

ACCESSORIES

R400100	LMR400 100' Roll
CN400	LRM400 Type N Crimp on Connector
LA350NN	1000WT N-conn Lightning Arrester
SEALTUBE3	3" Sealtube Heat Shrink
CCT213	Crimptool for 213, LMR400 Cable
PT400100NP	LMR400 Cable 100' N-Conn, PL259

"The Voyager® antennas have proven themselves to be "5" star performers on our 220 MHz systems." Scott, Scoden Communications