

Antenna Specifications

Stellar Part# AT300- 1

Electrical Specification VHF:

Frequency Range:	137-150 MHz
Gain:	2.4 dBi
Maximum Power:	200 watts
VSWR:	<1.5:1 for 4MHz
Input Impedance:	50 ohms

Mechanical Specifications VHF:

Radiator:	17-7ph tapered stainless steel
Whip Length:	55 inches
Contact:	Gold plated push pin contact
Brass Fitting:	Copper, nickel and chrome plated
Coil Form:	3 dimensional grooved delrin
Coil Housing:	Injected molded
Mounting:	Mirror mount or pole mount bracket
Cable Length/ Type:	15 feet/ RG58A/U



GPS Specifications

Frequency Range:	1,575.42 ± 2 MHz
Polarization:	Right Hand Circular Polarized (RHCP)
Gain:	3dBi min (elevation = 90°) -5dBi min (elevation = 20°)

GPS Low Noise Amplifier

VSWR:	<1.5:1
Bandwidth:	2 MHz
Nominal Gain:	26(± 3) dB
Output Impedance:	50 Ohms
Noise Figure:	1.5dB @25°C
Current Consumption:	15mA max
Cable length/Type:	17 ft/ RG174
Temperature Range:	-67°F to +185°F (-55°C to +85°)