


VHF/GPS-05

Marine and Land Based GPS/GLONASS Antenna

VHF/GPS-05 is a VHF antenna with a helix GPS/GLONASS antenna for frequencies 1575.42 MHz & 1602 MHz incorporated. The antenna is manufactured in premium quality materials in order to prevent galvanic corrosion.

VHF/GPS-05 is subject for improvement at all times. The antenna has the same rugged design as all other AC Antennas products thus it withstands harsh environmental conditions, both on sea and land.

Electrical specifications

Frequency range (MHz)	156.0-162.5/1575.42/1602.0
Nominal impedance (Ohm)	50
VHF power rating (Watt)	35
GPS supply voltage (VDC@N-connector)	3.3-18.0 
Current Consumption (mA)	Max 10, typ. 7
Gain (dB)	VHF: 0 / GPS: 18 / GLONASS: 18
VSWR	< 2:1
Noise Figure (dB)	Max 1.3, typ. 1.0
Connector	N-female
Cable 1:	BNC-male, 0.5m RG58C/U
Cable 2:	TNC-male, 0.5m RG58C/U
Cable 3:	UHF-male, 0.5m RG58C/U

Mechanical specifications

Length (m/ft)	1.1/3.7
Weight (kg/lbs)	0.65/1.43
Wind rating (m/s/mpg)	45/101
Material	Fibreglass
Colour	White polyurethane lacquer
Temperature range (°C/°F)	-40 to +60 / -40 to +140
Ingress Protection	IP66

Mounting

N240F mount, VHF/GPS-filter and cable set included.

Can be used with all standard AC Antennas mounting equipment.



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Kit Outline:



VHF/GPS-FILTER Connectors	3 x SMA-female
Cable 1:	UHF-male, 0.5m RG58C/U
Cable 2:	BNC-male, 0.5m RG58C/U
Cable 3:	TNC-male, 0.5m RG58C/U

