


## VHF/GPS-03

### Marine and Land Based GPS/GLONASS Antenna

VHF/GPS-03 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-03 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:	N-female, 0.5m RG58C/U
Cable 2:	N-male, 0.5m RG58C/U
Cable 3:	TNC-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

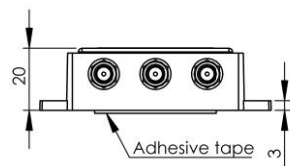
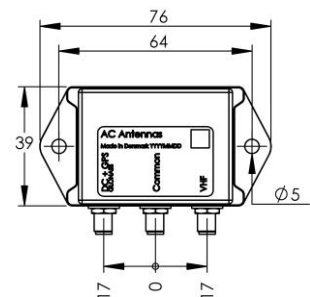
N240F mount, VHF/GPS-filter and cable set included.  
Can be used with all standard AC Antennas mounting equipment.



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Kit Outline:



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