

This high-performance dual band GPS/GLONASS magnet mount antenna is designed for various navigation and tracking applications. Its small form factor and low weight makes this antenna ideal for a variety of commercial and industrial applications. With its low noise figure and high-linearity LNA, this antenna is ideal for most extreme and demanding applications, where reliable satellite reception and high accuracy is required. The NVMEA-1516 is available with SMA connectors.



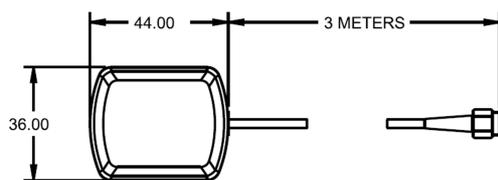
Specifications

Electrical

Frequency	1590 MHz
Polarization	RHCP
Total System Peak Gain	30 dB at 2.3V, 32 dB at 5 V
VSWR	1.5:1
Bandwidth (-1dB)	15 MHz
Axial Ratio	1 dB (min)
Nominal Impedance	50 Ohms
DC Voltage	+2.3 V to +5.0 V
DC Current	11 mA max

Mechanical & Environmental

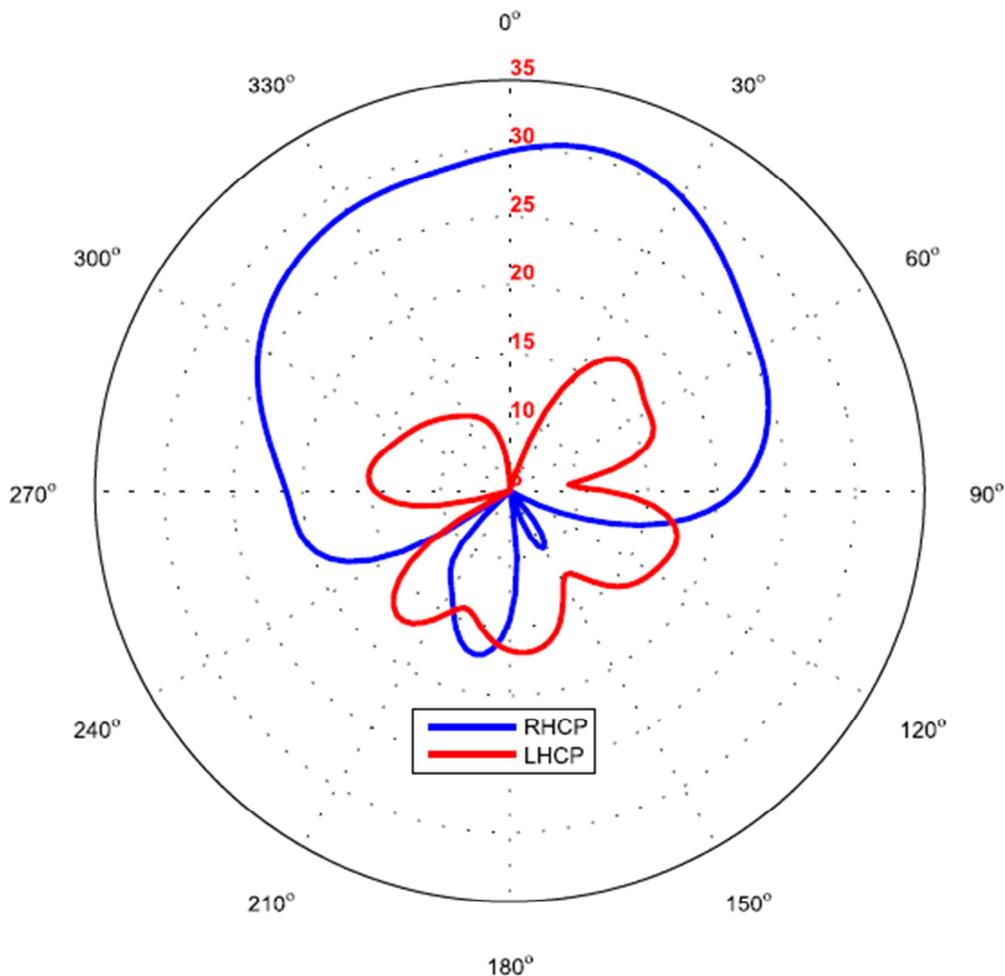
Connectors	SMA
Cable	RG174, 3 meters
Operating Temperature Range	-40 to +85 °C
Attachement Method	Magnet
Environmental	RoHS compliant



Dimension (mm) NVMEA-1516

Gain

Measured at 1590 MHz on a 127x127mm ground plane (E plane, 2.5V)



Ordering Information

NVMEA-1516 GPS/GLONASS Antenna

Please contact NVS Technologies for additional information

NVS Technologies AG
Letzastrasse 2
CH-9462 Montlingen - Switzerland

Tel +41 71 760 07 36
Fax +41 71 760 07 38
sales@nvs-gnss.com

The information provided herein is intended as a guide only and is subject to change without notice. This document is not to be regarded as a guarantee of performance. NVS Technologies AG hereby disclaims any or all warranties and liabilities of any kind.
© 2011 NVS Technologies AG. All rights reserved.