GPS Antenna Hoods

Features

- Enclosed Environment, Eliminating the Need for GPS Repeaters
- L1 and L1/L2 Versions Available
- Optional 0-30dB Variable Attenuator
- 5” and 8.75” Versions Available

Description

Complete end-to-end testing of GPS systems must include the application’s receive antenna. When a GPS repeater is not an option, a cost effective solution is the GPS Source Antenna Hood. At a fraction of the cost of a full blown screen room or anechoic chamber, the GPS Source Antenna Hood (GPSRH) will provide an application’s receive antenna with the necessary GPS signals.

Operating in conjunction with an outdoor active antenna and a coaxial cable, the GPS Source Antenna Hood conveys a signal to the application under test. The 0-30dB variable attenuator option gives the additional ability to adjust the signal strength inside the hood.

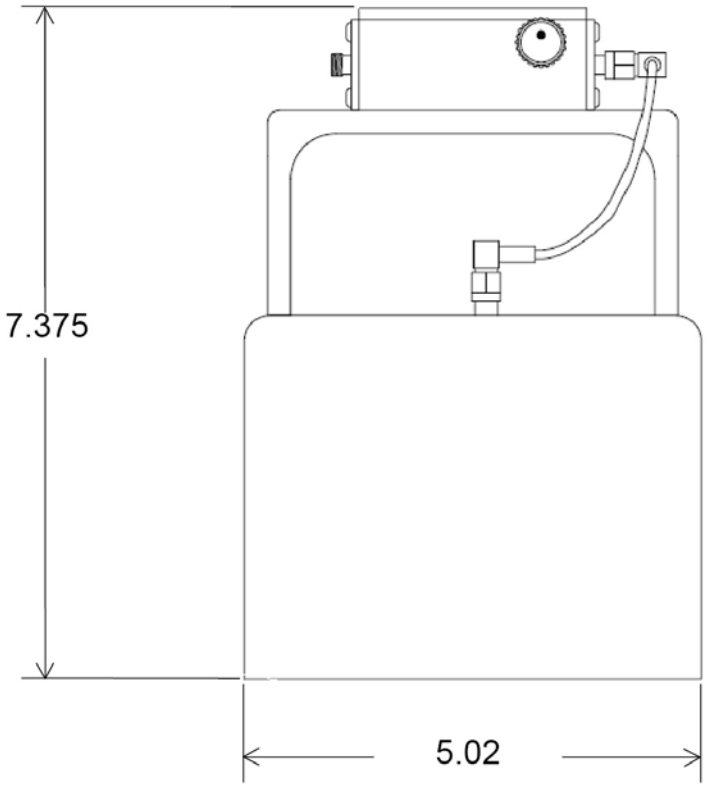
For more details, please call, email (sales@gpssource.com), or visit our website (www.gpssource.com) for further information on product options or specifications.

GPSRHL

Electrical Specifications, Operating Temperature -40^{0} to 85^{0}C

Parameter	Conditions	Min	Typ	Max	Units
Frequency Range: (Passband)	Ant – Output = 50Ω	1570	1575	1580	MHz
Out Imped.			50		Ω
Input SWR	Input = 50Ω			2.5:1	-
DC Output V.	Powered Option	7.5	9	12	VDC
Current	Variable Atten. Option			1	mA
Polarization	Right Hand Circular				

Side View



Side View

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Author: Brandie Chenoweth
Department: Marketing

Description: GPSRHL Data Sheet
Doc. No.: 1600-TS-HOOD-01
Date: 05/08/2013
www.gpssource.com

GPSRHL

Part Number

GPSRHL15 - V - SF

Product:
GPSRHL15: 5 in. O.D. Hood
GPSRHL18: 8.75 in O.D. Hood

Variable Attenuation*:
V – 0-30dB Variable Attenuator

Connector Options:
(SMA Female Only without – V option)
With – V Option

NM – N, Male; NF – N, Female
SM – SMA, Male; SF – SMA, Female
TM – TNC, Male; TF – TNC, Female

* Variable Attenuation will require in-line voltage to operate.

For help in creating the part number to meet your exact needs, contact Sales@gpssource.com or visit our website at www.gpssource.com.

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