



# Model Number L54148 GPS Filter/Amplifier

Rev.B  
1/25/10



## Features:

- Cavity Design
- Low Loss
- L2 Reference port

## Applications:

- Maritime
- Airborne
- Mobile
- Timing
- Test Equipment

## Package size:

- 1.5 x 3.0 x 3.0"

(Please see outline for exact dimensions)

## Specifications:

Passband	1575.42 +/- 8 MHz
3 dB Bandwidth	+/- 10 MHz min
Gain	25 +/- 2dB
Gain Flatness	+/- 0.5 dB
Noise Figure	1.5 dB max, 1.0 typ
Gain Compression	+10 dBm min
VSWR (input)	1.3:1
VSWR (output)	1.5:1
Rejection	50 dB from 1315 to 1495 MHz
Rejection	50 dB from 1625 to 2000 MHz
DC Requirements	+7 to +32 VDC @ 60 mA max (via output connector)
L2 reference port	1227.6 MHz. < 1.0 dB loss > 2:1 VSWR
Connectors	SMA Female
Operating Temperature	-50 to +70 C



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