



# Model Number L59109

## Broadband GPS Filter/Amplifier

Rev.-  
01/23/06



### Features:

- Cavity Design
- Low Noise Figure

### Applications:

- Maritime
- Airborne
- Mobile
- Timing
- Test Equipment

### Package size:

- 1.7 x 3.2 x 5.0"

(Please see outline for exact dimensions)

### Specifications: (+25C)

Passband	1150 to 1600 MHz
Noise Figure	0.9 dB typical, 1.5 dB Maximum
Gain	50 +/- 2 dB
Output 1dB Compression	+6dBm min
Input VSWR	1.5:1 Max
Output VSWR	2:1 Max
3 dB Bandwidth	1100 and 1650 MHz nominal
Rejection	>80 dB @ 900 MHz
Rejection	>80 dB @ 2000 MHz
Voltage	+7 to +34 VDC @ 120mA max.
DC Bias	External Solderable pin
Connectors	Type "N" Female



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