



# Model Number L5658 GPS Filter/Amplifier

Rev -  
2/14/05

**Features:**

- L1+L2 Operation
- Low Noise Figure
- Cavity Filter
- Discreet Amplifier
- Excellent out-of-band attenuation



**Applications:**

- Aircraft
- Maritime
- Mobile
- Test Equipment

**Package size:**

- 0.5 x 2.5 x 4.4"

Parameter	L1 Channel	L2 Channel
Center Frequency	1575.4 ± 10 MHz	1227.6 ± 10 MHz
1 dB Two-sided Bandwidth	20 MHz min	20 MHz min
80 dB Two-sided Bandwidth	200 MHz max	200 MHz max
Rejection	80 dB minimum for all frequencies between 100 MHz and 10GHz that are greater than ± 100 MHz from L1 and L2. 65 dB minimum from 10 GHz to 12 GHz	
Center Frequency Gain	43 dB ± 3 dB at L1 and L2	
Noise Figure	2.7 dB maximum at L1 and L2	
VSWR	1.5:1 maximum	
Voltage	+7 to +25 VDC through RF output pin (only)	
Current	0.100 Amps max	
Finish	Haze Gray per MIL-P-24441, Type 1	
RF Connectors	SMA Female	



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