



Model Number L59110

7 Channel GPS Dual Filter

Rev D
7/27/10

Features:

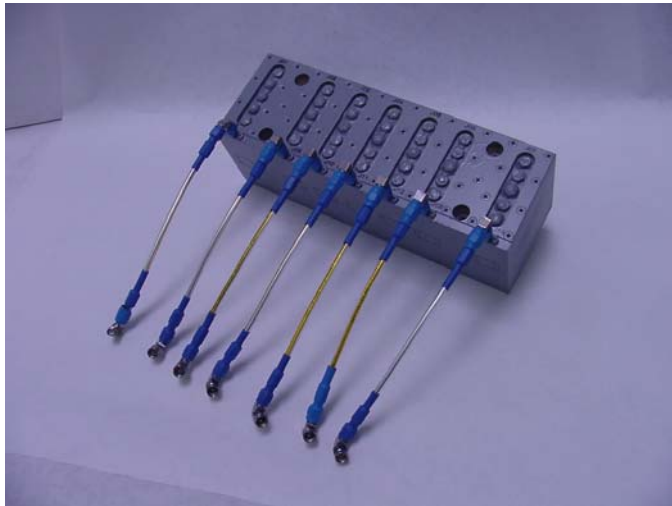
- 7 Matched Channels
- Anti-Jam Receiver Applications
- L1+L2 Operation
- Low Loss
- Cavity Filter
- Excellent out-of-band attenuation

Applications:

- Aircraft
- Maritime
- Mobile
- Test Equipment

Package size:

(Please see outline for exact dimensions)



Specifications	
Center Frequencies	1227.6 and 1575.42 MHz
Insertion Loss	0.65 dB
Passband Ripple	0.5 dB maximum
Passband Bandwidth	± 12 MHz minimum
25 dB Bandwidth	± 60 MHz maximum
Rejection	45 dBc from 2000 to 2500 MHz
Input and Output VSWR	1.3:1 maximum
Passband Amplitude Matching every channel (L1-L1, L2-L2, L1-L2)	0.2 dB over the passband
Group Delay Matching every channel (L1-L1, L2-L2, L1-L2)	+150ps max to -0ps min over $f_0 \pm 12$ MHz
RF Input Power	1 Watt Continuous, 450 Watts for 10 microseconds, duty cycle 0.1%
Connectors (Output)	6" cables terminated with ends: 1 SMA Female, 6 SMA Male
Connectors (Input)	1 SMA Male, 6 SMA Female
Temperature	-40° C to +85° C Operating
Vibration	4 Hz to 50 Hz per MIL-STD-167 for mast-mounted equipment
Shock	9 hammer blows as specified in MIL-S-901, Type A, Grade A, Class I



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