

Cavity Band pass Filters

FEATURES

- **5 Section High Performance Filter**
- **Preselected for GPS & DGPS Signals**

Rojone's AMA-055 cavity Band pass filter is a narrow band 5 resonant section filter designed specifically for preselection of GPS and DGPS satellite signals. This product is typically used to filter out unwanted Radio Frequency signals, which can interfere with good reception of the GPS/DGPS signal



Specifications

Part Number	AMA-055
Type	5 Section Cavity BPF
3dB Frequency Band	1545 to 1585 MHz
Centre Frequency	1565 GHz
Bandwidth	40 MHz
Insertion Loss	< 2.0 dB
Rejection	> 80 dB
Frequency	fc +/- 50 MHz
Rejection	> 40 dB
Frequency	fc +/- 120 MHz
Rejection	> 80 dB
Re-entrant Frequency	> 6 GHz typical > 8 GHz
Impedance	50 Ohms
VSWR	< 1.2:1
Outer Dimensions	Approx 68 x 50 x 10mm without tuning slugs & connectors.
Thru mounting holes	2 mm thru holes
Connectors	SMA Female
Temperature Range	0 to 60 Degrees C