

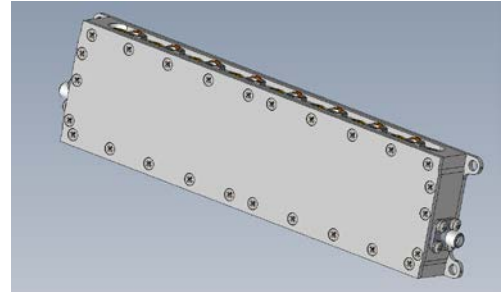
GPS 513-01

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GPS BANDPASS FILTER

BSC offer a wide range of high performance filters for GPS applications. The GPS 513 filter is a narrowband bandpass filter designed to work with GPS L1 frequencies. Offering low insertion loss and exceptional out of band rejection this filter lends itself well to integration with receiver systems providing excellent protection from adjacent high power transmitters.

| | |
|-------------------------------------|-------------|
| Centre Frequency: | 1575.42 MHz |
| 3 dB Bandwidth: | 40 MHz |
| Insertion Loss at Centre Frequency: | 3.0 dB max |
| Group Delay Variation over 34 MHz: | 23 ns max |
| Return Loss over 34 MHz: | 20 dB min |
| Rejection from 1170 to 1510 MHz: | 80 dB min |
| 1510 to 1538.5 MHz: | 40 dB min |
| 1538.5 to 1548 MHz: | 25 dB min |
| 1603 to 1612.5 MHz: | 25 dB min |
| 1612.5 to 1646.5 MHz: | 40 dB min |
| 1646.5 to 1930 MHz: | 80 dB min |
| Power Handling: | 0 dBm max |
| Operating temperature: | 10 to 30°C |
| Connectors: | SMA Female |
| Finish: | Matt Black |



Outline:

