

A1 Microwave

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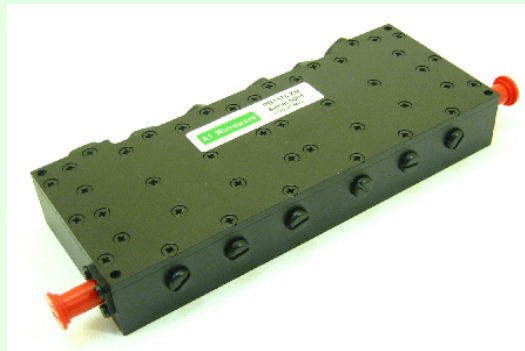


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

A1 Microwave also provides standard and custom waveguide components and assemblies including : straights, bends, twists and flexibles.

A1 Microwave is ITAR free and provides a **Fast delivery and No NRE** (on standard designs) by using sophisticated in-house design and simulation software, all new **designs are "right first time"** allowing the design to move from the design computer to the machine shop without the need for prototyping. **Stock filters available for immediate despatch.**

A1 Microwave has full in house CNC machining, turning, brazing, hard and soft soldering and bending facilities.



Ordering information :- Model number **PB1578XN-SF/SF-B** GPS Notch Filter

Designed for electronic countermeasure transmitters to block the GPS signal thus enabling nearby GPS position, navigation and timing receivers to operate normally without interference.

Passbands	DC to 1545.42 MHz
	1605.42 to 4000 MHz
Passband insertion loss	0.5 dB typical, 0.6 dB max
Passband return loss	20 dB typical to 2.5 GHz, 14 dB min to 4 GHz
Passband power handling	200 watts max
Rejection: 1575.42 +/- 1 MHz	70 dB min
Overall size excluding connectors	150 x 60 x 23 mm
Connectors	SMA female (alternative coax interfaces available)
Operating temperature range	-40 to +85 degrees C
Weight	525 grams

