



Certificate number 24186

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Certificate number 24926

Since 2001 A1 Microwave has brought high quality technically advanced microwave filtering products to the SATCOM market. Using sophisticated in-house design and simulation software, all new designs are "right first time" allowing the design to move from the computer to the machine shop without the need for prototyping. A1 Microwave's expertise is firmly rooted in the design and testing of microwave products and our founder has over 25 years experience in this area.



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 min
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

