

A1 Microwave

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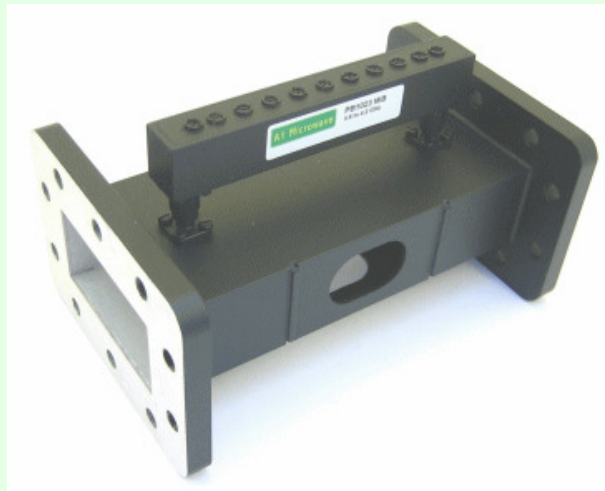


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1023WB** C-band Satcoms Receiver Protection Filter

Designed for use as an input filter in C-band satcoms receivers to suppress spurious signals.

Passband		3.6 to 4.2 GHz
Passband insertion loss		1.2 dB typical
Rejection :	from DC to 3.05 GHz	80 dB min
	from 3.05 to 3.35 GHz	60 dB min
	from 4.45 to 5.9 GHz	60 dB min
	from 5.9 to 14.5 GHz	80 dB min
Overall length		150 mm nominal
Weight		530 g max
Flanges		CPR229-F (alternatives available)

