

A1 Microwave

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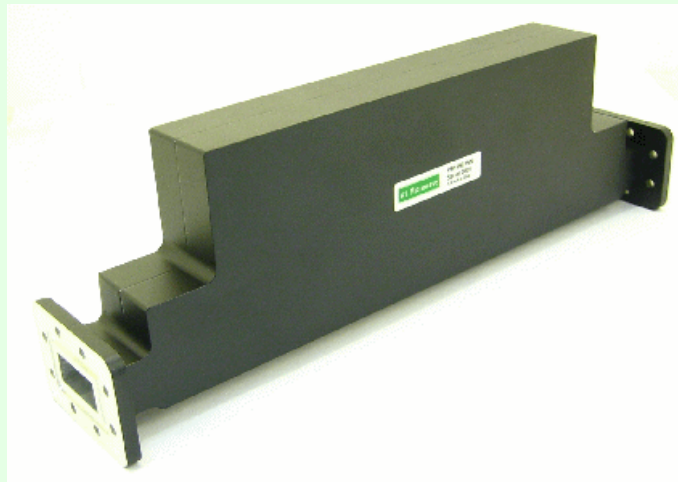


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1550WN-CG/CG-B** X-band transmit filter assembly

Low PIM filter designed for X band satcoms transmitter applications for suppressing RX band noise

Passband	7.9 to 8.4 GHz
Passband Insertion loss	0.3 dB typical
Passband Group Delay variation	6.9 nS typical
Passband return loss	23 dB typical
Passband power handling	600 watts CW max
Rejection	from 7.25 to 7.75 GHz
	100 dB min
Overall length	315 mm nominal
Flanges	CPR-112G (see web site for alternative flanges and paint codes)

