

A1 Microwave

Web: <http://www.A1Microwave.com>

Email: A1sales@A1Microwave.com



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 **PB1425WB** C-band Satcoms Receive Filter

Designed for C band satcoms receiver applications for suppression of broad band noise and interference from radars and other transmitters

Passband	3.6 to 4.2 GHz
Passband insertion loss	0.14 dB typical
Passband group delay variation	2.0 nS typical

Rejection :	from DC to 3.08 GHz	60 dB min
	from 5.85 to 6.4 GHz	90 dB min
	from 6.4 to 10 GHz	80 dB min

Overall length 148 mm nominal

Weight 400 grams

Flanges CPR229-G (alternatives available)

