

# 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 **PB1441WH-CG/CG-B** C-band Satcoms Transmitter RX Reject Filter

Designed for use as an output filter in C-band satcoms HPA's to suppress receive band noise.

Passband	5.85 to 6.725 GHz
Passband insertion loss	0.1 dB typical
Rejection :	from 3.6 to 4.2 GHz
	80 dB min

Overall length	229 mm nominal
Weight	585 g
Flanges	CPR 137G
	(see web site for alternative flange, connectors and paint codes)

