

A1 Microwave

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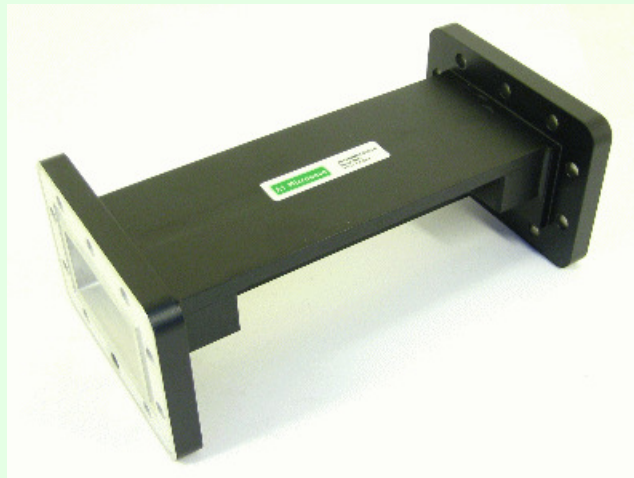


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1588WB-CG/CG-B** C-band Satcom Receiver Protection Filter

Designed to remove interference from radar and other transmitters

Passband	3.7 to 4.2 GHz
Passband insertion loss	0.5 dB typical, 0.7 dB max
Passband return loss	20 dB typical, 18 dB min
Rejection:	
DC to 3.1 GHz	100 dB min
3.1 to 3.185 GHz	80 dB min
at 3.5 GHz	55 dB min
at 3.6 GHz	27 dB min
at 3.65 GHz	10 dB min
4.6 to 11 GHz	90 dB min
Overall length	185 mm
Flanges	CPR 229 G (alternative flanges and coax interfaces available)
Weight	500 grams

