

A1 Microwave

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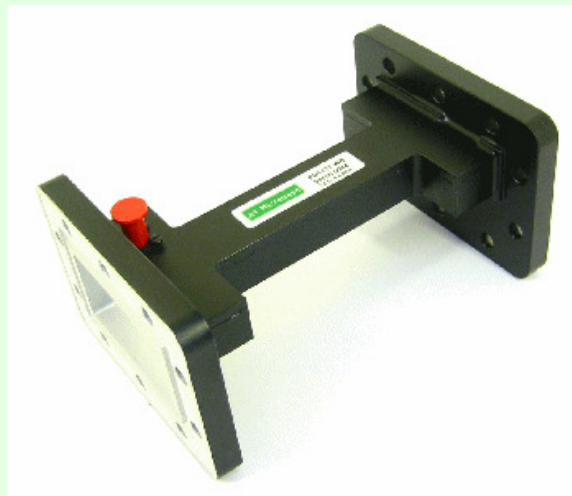


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1577WB-CG/CG-B** 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	0.17 dB typical
Passband group delay variation	2.0 nS typical
SMA coupled port	40 dB coupling nominal
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	410 grams
Flanges	CPR 229-G (see web site for alternative flanges and paint codes)

