

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 **PB1049CB** Converter Filter

Designed for converter applications for suppressing LO leakage and transmitter signals

Passband	8.55 to 9.35 GHz
Passband Insertion loss	0.7 dB typical
Passband Return loss	20 dB min
Rejection:	
DC to 5.15 GHz	90 dB min
7.9 to 8.4 GHz	20 dB min
10 to 20 GHz	80 dB min
Converter	SMA Female (alternatives available)

