

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 **PB1453CB-SF/SF-B** Fixed link filter

Designed for Fixed Link Radio applications for suppression of broad band interference.

Passband	6.6 to 7.3 GHz	
Passband insertion loss	0.5 dB typical	
Passband return loss	18 dB min	
Rejection :	from DC to 6075 MHz	70 dB min
	from 7908 to 14000 MHz	80 dB min
Connectors	SMA female	
	(see web site for alternative flange, connectors and paint codes)	

