

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 **PB1035IB** Metrology Filter

Designed for precise pulse shaping of pulsed signals in a measurement system.

Passband	2666 MHz
Bandwidth	43 MHz min
Centre frequency insertion loss	1.5 dB max
Rejection :	
at Cf +/- 43 MHz	20 dB min
at Cf +/- 63 MHz	30 dB min
Overall length	100 mm nominal
Connectors	SMA female (alternatives available)

