

# 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 **PB15451B-SF/SF-B** IF Bandpass Filter

Centre frequency	2400 MHz
Bandwidth	40 MHz
Passband insertion loss	1.5 dB typical
Passband return loss	20 dB min
Rejection: at CF +/- 70 MHz	80 dB min
Stopband extends to 4.8 GHz	80 dB min
Overall dimensions	200 x 44 x 14 mm nominal
Connectors	SMA female (see web site for alternative flanges and paint codes)

