

# 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 **PB1472IB** Fixed link channel filter

Designed for Fixed Link Radio Applications for adjacent channels

Centre frequency tuning range 7142 to 7330 MHz

Bandwidth 90 MHz

Passband insertion loss 1.7 dB typical

Passband return loss 18 dB min

Rejection of adjacent band: 65 dB min

Connectors SMA female (alternatives available)

