

# 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 **PB1455IB** Fixed link channel filter

Designed for Fixed Link Radio Applications for the rejection of adjacent channels

Centre frequency	7165 MHz
Bandwidth	120 MHz
Passband insertion loss	1.6 dB typical
Passband return loss	18 dB min
Rejection :	7310 to 7430 MHz 55 dB min
Connectors	SMA female (alternatives available)

