

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 **PB1742WB** Ka band Fixed Link Channel Filter

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

Centre frequency 31.15 GHz

Bandwidth 300 MHz

Centre frequency insertion loss 1.5 dB max

Passband return loss 18 dB min

Rejection : CF +/- 350 MHz 30 dB min

Interfaces UG-599U and K type female

(see web site for alternative connectors, flanges and paint codes)

