

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 **PB1684WB** 36 GHz Radar Filter

Designed for radar applications for suppression of local oscillator leakage from the mixer.

Passband 34.8 to 37 GHz

Passband Insertion Loss 1.2 dB max

Passband Return Loss 18 dB min

Rejection : from DC to 34.25 GHz 60 dB min

Overall Length 75 mm

Flanges UBR 320 (alternatives available)

