

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 **PB1674WB** 35 GHz Radar Filter

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

Passband 34.5 to 35.5 GHz
 Passband Insertion Loss 0.5 dB typical
 Passband Return Loss 18 dB min

Rejection : from DC to 30 GHz 85 dB min
 from 30 to 32.5 GHz 55 dB min
 From 38 to 41 GHz 40 dB min

Overall Length 92mm

Connectors 2.4 mm female

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

