

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 **PB1583CB-SF/SM-B** 5 GHz Radar Filter

Designed for radar applications for suppression of harmonics.

Centre frequency 5.36 GHz
Bandwidth 60 MHz
Passband insertion loss 0.4 dB typical
Return Loss 18 dB typical

Rejection : from 15.9 to 16 GHz 60 dB min

Connectors SMA female + male
(see web site for alternative flanges and paint codes)

