

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 **PB1336CB TX Filter**

Designed for use as an input filter in satcoms HPAs to suppress input broad band noise.

Passband 14.9 to 15.4 GHz

Passband insertion loss 0.9 dB typical

Passband return loss 18 dB typical

Rejection: from DC to 13.95 GHz 80 dB min

from 16.45 to 32 GHz 80 dB min

Overall length 71 mm max

Connectors SMA female (alternative coax interfaces available)

