

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 **PB1354WB** X-band Satcoms Downconverter Filter.

Designed for X band satcoms downconverter applications for suppressing Transmit band signals.

Passband 7568 to 7750 MHz

Passband insertion loss 0.5 dB typical

Passband return loss 20 dB min

Rejection : at 7960 MHz 90 dB min

from 8218 to 8400 MHz 140 dB min

Overall length 330 mm nominal

Connectors UBR 84 & SMA female (alternatives available)

