

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 **PB1353WB** X-band Satcom Transmit Filter

Designed for X-band satcoms transmitter applications for suppressing broad band noise in the receive band

Passband	8218 to 8400 MHz
Passband insertion loss	0.2 dB typical
Passband return loss	20 dB min

Rejection:	from 7568 to 7750 MHz	90 dB min
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Overall length	200 mm
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Connection	CPR 112G & SMA female (alternatives available)
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