

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 **PB1090WH** X-band Transmit filter

Designed for X band satcoms transmitter applications for suppressing RX band noise from the amplifier.

Passband	7.9 to 8.4 GHz
Passband insertion loss	0.5 dB max
Passband return loss	20 dB min
Rejection : from DC to 7.75 GHz	90 dB min
Coupler	40 dB nominal

Overall length	520 mm nominal
Flanges	UBR 84 (alternatives available)

