

A1 Microwave

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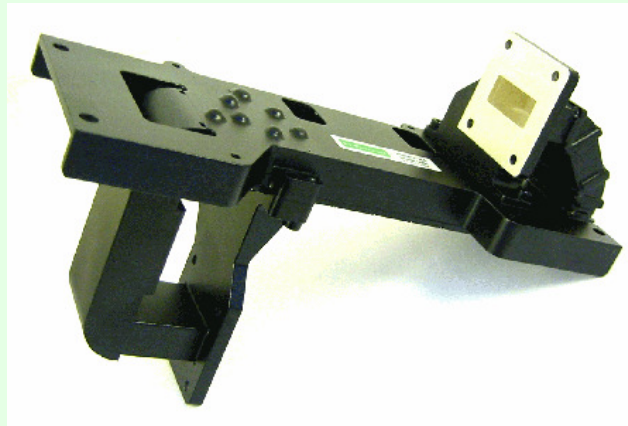


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1576WA** X-band Satcoms TX Reject Filter.

Designed for X band satcoms receiver applications for suppressing Transmit band signals and radar interference.

Passband	7.25 to 7.75 GHz
Centre frequency insertion loss	0.3 dB typical
Passband group delay variation	4.6 nS typical
Passband return loss	19 dB min
Rejection :	from 7.9 to 8.4 GHz 85 dB min
Rejection :	from 8.5 to 10.5 GHz 50 dB min
Overall length	240 mm nominal
Flanges	UBR 84 + PBR 84 (alternatives available)

