

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 PB1142WL X-band Satcom TX Harmonic Reject Filter
Designed for X-band satcoms transmitter applications for suppressing unwanted transmitter harmonics.

Passband	7.9 to 8.4 GHz
Passband insertion loss	0.1 dB max
Passband return loss	25 dB min

Rejection:	2nd and 4th harmonic	60 dB min
	3rd harmonic	90 dB min

Overall length	110 mm nominal
Flanges	UBR 84 + PBR 84 (alternative flanges available)

