

A1 Microwave

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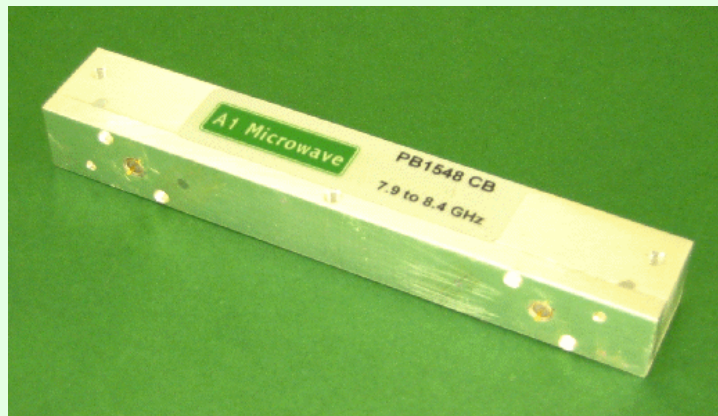


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1548CB-PF/PF-U** X-band Satcoms TX Filter.

Designed for X band satcoms receiver applications for suppressing Local Oscillator and harmonic signals.

Passband	7.9 to 8.4 GHz	
Centre frequency insertion loss	1.0 dB max	
Passband group delay variation	1.1 nS typical	
Passband return loss	18 dB min	
Rejection :	from DC to 6.95 GHz	80 dB min
	from 8.6 to 9.26 GHz	30 dB min
	from 9.26 to 18 GHz	80 dB min
Overall length	95 x 12 x 12 mm nominal	
Connectors	Pins (see web site for alternative connectors and paint codes)	

