

A1 Microwave

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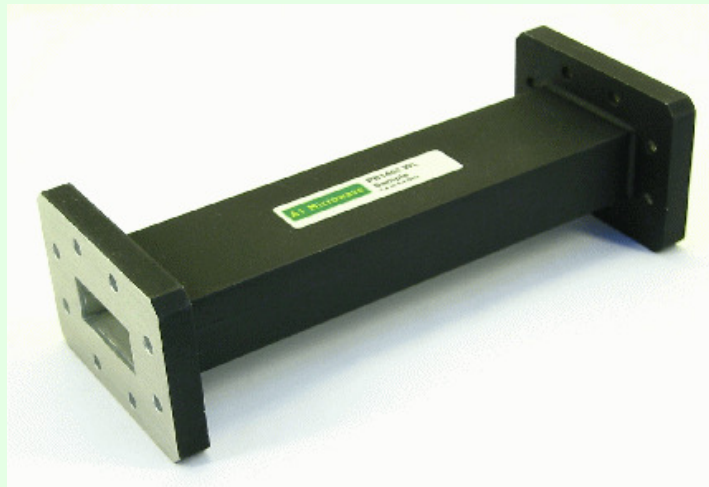


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 PB1452WLX-band Satcom Harmonic Rejection Filter

Designed for X band satcoms transmitter applications to suppress unwanted harmonic output.

Passband	7.9 to 8.4 GHz
Passband insertion loss	0.1 dB typical
Passband return loss	24 dB typical

Rejection:	from 15.8 to 16.8 GHz	40 dB min
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Overall length	120 mm
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Flanges	CPR 112 F
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(see web site for alternative connectors, flanges and paint codes)

