

A1 Microwave

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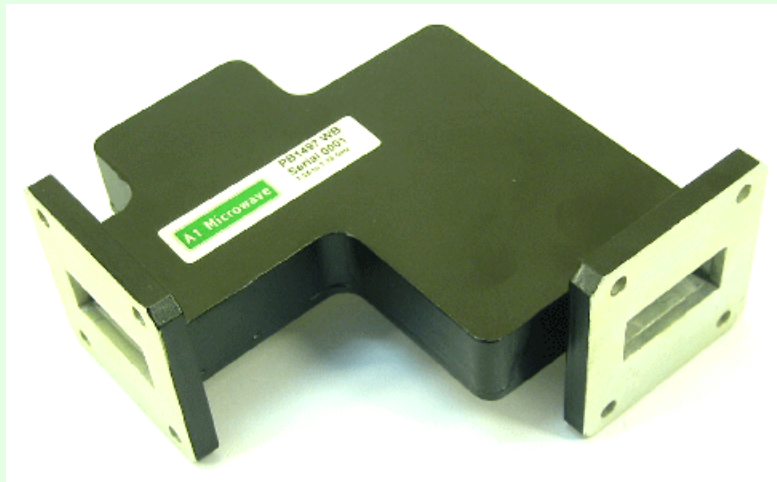


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1497WB** X-band Satcoms TX and cross over band Reject Filter.

Designed for X band satcoms receiver applications for suppressing Transmit band signals.

Passband	7.25 to 7.75 GHz
Centre frequency insertion loss	0.2 dB typical
Passband group delay variation	2.6 nS typical
Passband return loss	20 dB min
Rejection :	
at 7.85 GHz	30 dB min
from 7.9 to 8.4 GHz	50 dB min
Overall dimensions	115 x 105 mm nominal
Flanges	UBR 84 (alternatives available)

