

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 **PB1082WB** X-band Satcoms RX with coupler

Designed to remove broadband interference. Special design extends the stopband to 10 GHz

Passband	7.25 to 7.75 GHz
Passband insertion loss	0.2 dB typical
Passband return loss	20 dB min
Rejection:	
from 8.6 to 9.5 GHz	65 dB min
9.5 to 10 GHz	50 dB min
Coupler	40 dB nominal
Overall length	280 mm nominal
Flanges	CPR 137 G (alternatives available)

