

A1 Microwave

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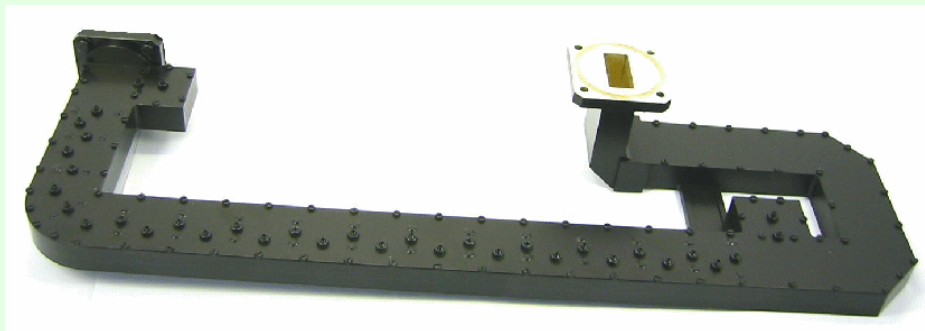


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1183WA** X-band Satcom Receive Filter

Built in notches and a lowpass filter to give an extended upper stopband - designed for broad band receiver protection in X band satcoms applications.

Passband	7.25 to 7.75 GHz
Passband insertion loss	0.45 dB typical
Passband return loss	20 dB min
Passband group delay variation	4.8 ns typical
Rejection: from 7.9 to 8.4 GHz	85 dB min
Upper stopband extends to	28 GHz
Overall length	420 mm nominal
Flanges	PBR 84 (alternative flanges and coax interfaces available)

