

A1 Microwave

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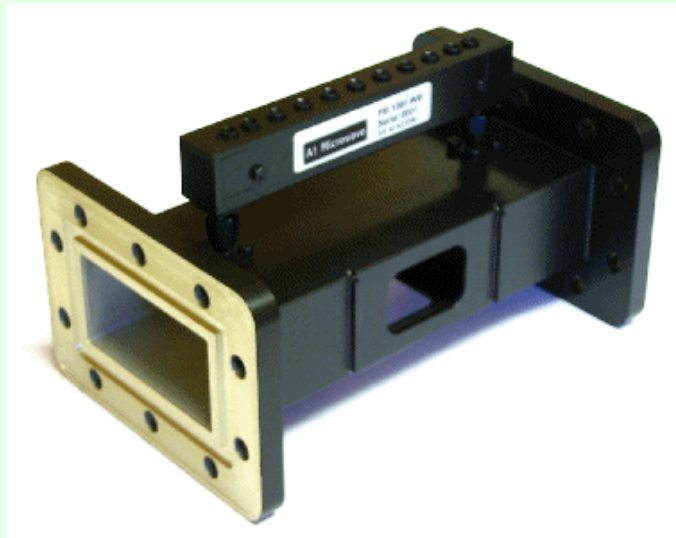


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1085WB** C-band Satcoms Receiver Protection Filter

Designed for C band satcoms receiver applications for suppression of broad band noise and interference from radars and other transmitters

Passband	3.6 to 4.2 GHz
Passband insertion loss	1.2 dB typical
Rejection :	
from DC to 3.05 GHz	80 dB min
from 3.05 to 3.35 GHz	60 dB min
from 4.45 to 5.9 GHz	60 dB min
from 5.9 to 14.5 GHz	80 dB min
Overall length	150 mm nominal
Weight	530 g
Flanges	CPR229-G + CPR229-F (alternatives available)

