

A1 Microwave

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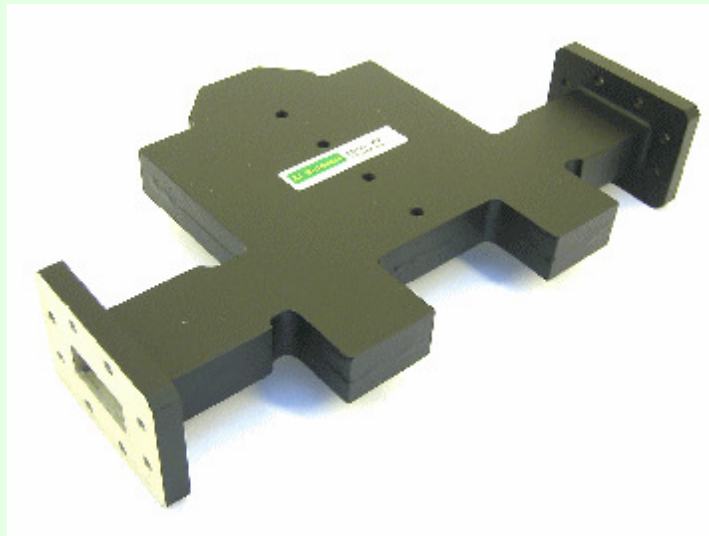


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1411WA-CF/CG-B** X-band Transmit filter

Designed for X band satcoms transmitter applications for suppressing RX band noise from the amplifier.

Passband	7.9 to 8.4 GHz
Passband insertion loss	0.8 dB max
Passband return loss	18 dB min
Rejection :	from 7.25 to 7.75 GHz 90 dB min, at 7.85 GHz 25 dB min,
Overall length	229 mm nominal,
Flanges	CPR 112 F + CPR 112 G (alternatives available)

