A1 Microwave

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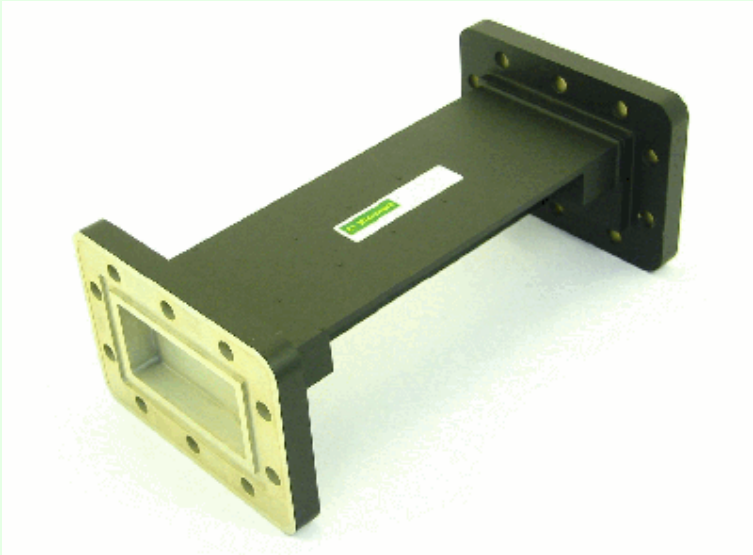
A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

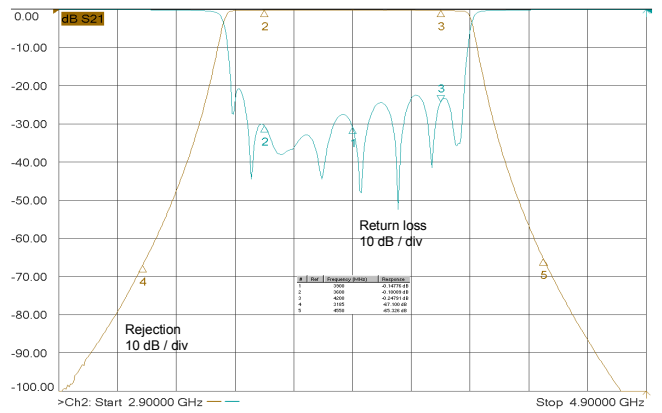
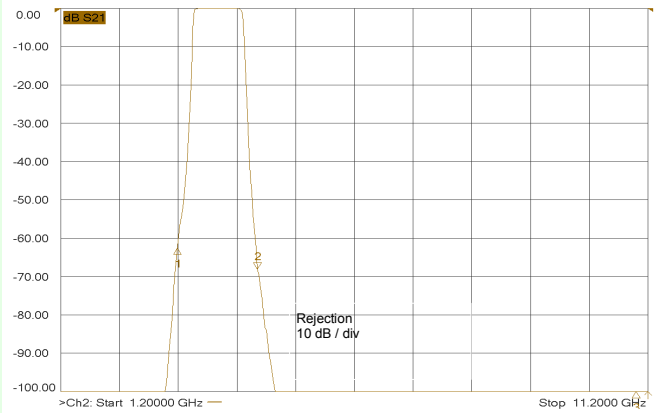
A1 Microwave also provides standard and custom waveguide components and assemblies including : straights, bends, twists and flexibles.

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 **PB1307WB** C-Band Satcom Receiver Protection Filter

Designed to remove interference from radar and other transmitters

Passband		3.6 to 4.2 GHz
Passband insertion loss		0.25 dB typical
Passband return loss		23 dB min
Rejection:	DC to 3.185 GHz	60 dB min
	4.55 to 4.9 GHz	60 dB min
	4.9 to 11 GHz	90 dB min
Overall length		185 mm
Flanges		UDR 40 (alternative flanges and coax interfaces available)
Weight		500 grams