

A1 Microwave

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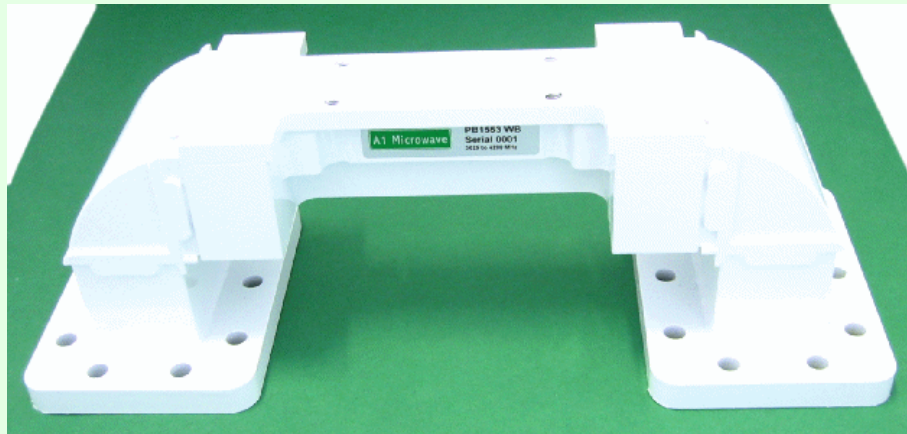


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1553WB-UD/UD-W** C-band Satcom Receiver Protection Filter

Designed to remove interference from radar and other transmitters

Passband	3.625 to 4.2 GHz	
Passband insertion loss	0.5 dB max	
Passband return loss	17 dB min	
Rejection:	DC to 3.185 GHz	60 dB min
	4.55 to 11.0 GHz	60 dB min
	4.7 to 10 GHz	90 dB min
Port centres	184 mm	
Flanges	UDR 40 (alternative flanges and coax interfaces available)	
Weight	700 grams	
Construction	Brazed aluminium	

