

A1 Microwave

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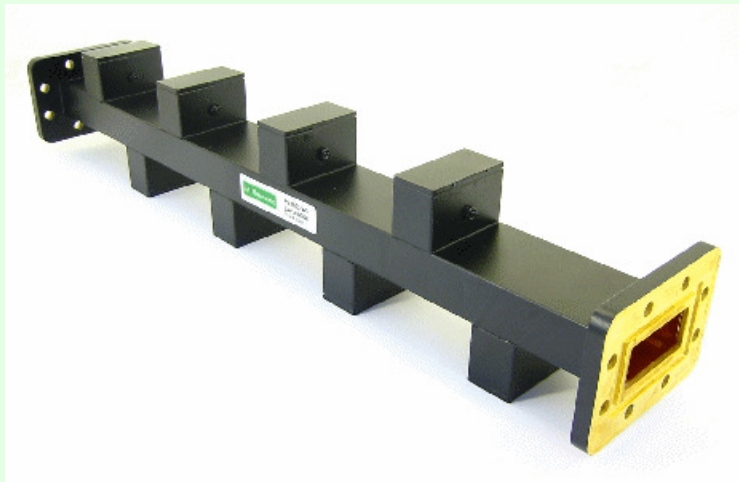


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1503WN** X-band transmit filter assembly

Designed for X band satcoms transmitter applications for suppressing cross over band noise

Passband		7.9 to 8.4 GHz
Passband Insertion loss		0.2 dB typical
Passband return loss		20 dB typical
Rejection	from 7.81 to 7.85 GHz	2 dB min
	from 7.815 to 7.845 GHz	20 dB min
	from 7.82 to 7.84 GHz	55 dB min
Overall length		368 mm nominal
Flanges		UG-137 B/U with tapped holes and UG-138 U (alternatives available)

