

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 **PB1710WB Ka-band Satcoms Transmitter Filter, in WG21**

Designed for Ka-band Satcoms Transmitter applications for suppressing Local Oscillator and receive band signals

Passband		25.5 to 27 GHz
Passband insertion loss		0.8 dB typical
Passband return loss		15 dB min
Rejection:	from DC to 23.8 GHz	70 dB min
	from 26.2 to 34 GHz	40 dB min
Overall length		76.5 mm
Connectors		K type male
Flange		UBR 260

(see web site for alternative connectors, flanges and paint codes)

