

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 **PB1721WT-PB/KF-B** Ka-band Satcom WG22 Waveguide to Coax Transition

Designed to cover the Ka band transmit band in a short overall length.

Passbands	27.5 to 31 GHz	
Passband return loss	21 dB min	
Overall length	31 mm	
Flange	PBR 320 (alternative flanges available)	
Coaxial connector	K female with UBR flange	PB1721WT-UB/KF-B
	K male with UBR flange	PB1721WT-UB/KM-B
	(alternative connectors available)	

