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**.

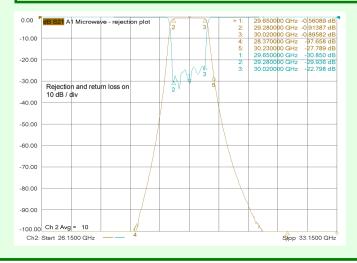
A1 Microwave has full in house CNC machining, turning, brazing, hard and soft soldering and bending facilities.

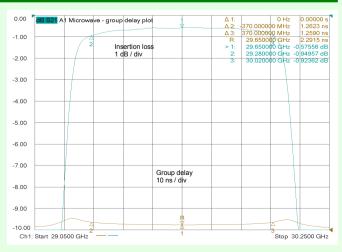


Ordering information :- Model number PB1325WB K-band Satcom Upconverter Filter

Bandpass filter is designed for K band satcoms upconverter applications for suppressing LO leakage from the mixer.

Passband			29.3 to 30.0 GHz
Passband ins	sertion lo	SS	0.9 dB typical
Passband return loss			20 dB min
Passband group delay variation			1.3 ns typical
Rejection:	from	DC to 28.4 GHz	90 dB min
		32 to 36 GHz	90 dB min
Overall length			120 mm max
Connectors			K female (alternative flanges and coax interfaces available)





All information is correct at date of issue. Specifications are subject to change without notice