## 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.

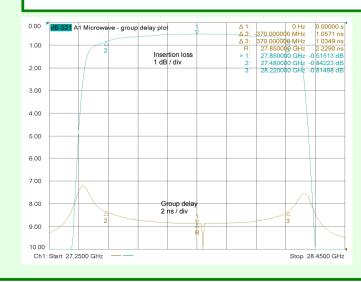


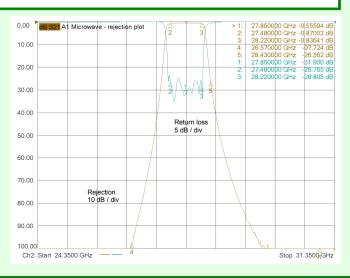
Ordering information :- Model number PB1324WB K-band Satcom Upconverter Filter

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

Passband Passband insertion loss Passband return loss Passband group delay variation Rejection: from DC to 26.55 GHz 31 to 36 GHz 27.5 to 28.2 GHz
0.9 dB typical
20 dB min
1.0 ns typical
90 dB min
90 dB min
120 mm max
K female (alternative flanges and coax interfaces available)

Overall length Connectors





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