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**.

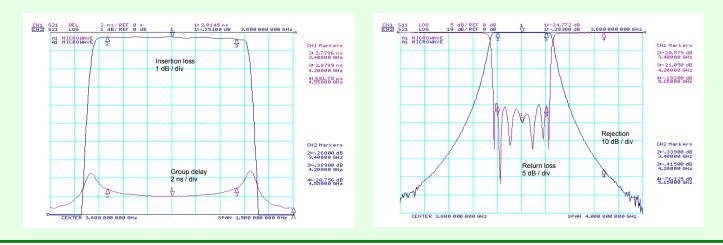
A1 Microwave has full in house CNC machining, turning, brazing, hard and soft soldering and bending facilities.



Ordering information :- Model number PB1170IB C-band Satcom downconverter filter

Designed for C band satcoms downconverter applications for suppressing LO leakage from the mixer.

Passband Passband insertion loss Passband return loss Passband group delay variation Rejection: 5.15 to 8 GHz Overall length Connectors 3.4 to 4.2 GHz
0.4 dB typical
18 dB min
0.9 ns typical
70 dB min
70 mm
SMA female (alternative coax interfaces available)



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