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 PB1053IB Satcom IF Filter

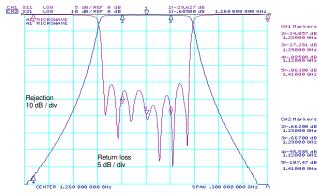
Designed for satcoms up and down converter applications for suppressing LO leakage from the mixer, adjacent channels and other broad band spurious.

1260 MHz
60 MHz
1 dB max
20 dB min
3 ns typical

Rejection: centre frequency +/- 140 MHz

80 dB min

Overall dimensions Connectors



180 x 64 x 15 mm nominal SMA female (alternative coax interfaces available)

