

A1 Microwave

Web: <http://www.A1Microwave.com>

Email: A1sales@A1Microwave.com



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 **PB1074IB** Satcoms Block Downconverter dual IF Filter

Designed for satcoms block converter applications for suppressing LO leakage from the mixers.

	Passband 1	Passband 2
Passband	950 to 1360 MHz	1280 to 1750 MHz
Passband insertion loss	0.7 dB typical	0.8 dB typical
Passband group delay variation	7 nS typical	4.5 nS typical
Rejection	1610 to 1975 MHz 70 dB min	1940 to 2410 MHz 70 dB min
Overall size	185 x 80 x 15 mm nominal	
Connectors	SMA female (alternatives available)	

