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 PB1132WH C-band Satcoms Transmitter RX Reject Filter

Designed for use as an output filter in C-band satcoms HPA's to suppress receive band noise.

Passband Passband insertion loss Rejection : from 3.6 to 4.2 GHz Monitoring Port, SMA

Overall length

0.1 dB typical 80 dB min -30 dB nominal non directional

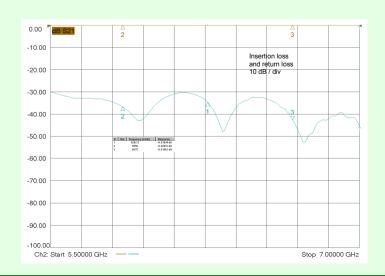
260 mm nominal

5.9 to 6.4 GHz

Weight

735 g

Flanges



CPR 137 G (alternatives available)

0.00 -10.00 -20.00 -30.00 5053 6675 3600 4 22003 d 4 15491 d -119 5448 -40.00 -50.00 -60.00 -70.00 Rejection 10 dB / div -80.00 -90.00 5 -100.00 Ch2: Start 3.60000 GHz Stop 7.00000 GHz