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 PB1694WB K-band Satcom Transmitter Filter
- Designed for K band satcoms transmitter applications for suppressing LO leakage from the mixer and broad band noise.
- Passband: 28 to 28.5 GHz
- Passband insertion loss: 1.0 dB max
- Passband return loss: 18 dB min
- Passband group delay variation: 0.8 ns max
- Rejection: from DC to 27.05 GHz 80 dB min
- from 28.95 to 34 GHz 30 dB min
- Overall length: 75 mm max
- Connectors: K type female and UBR 260

(see web site for alternative flanges and paint codes)

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

Issued: 30 October 2017