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 PB1645WN K-band Satcoms Receiver Filter

Designed for K-band Satcoms Receiver applications for suppressing transmit band signals

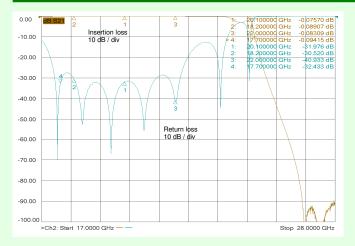
Passband Passband insertion loss Passband return loss

Rejection: from 27.5 to 31 GHz 17.7 to 22 GHz 0.1 dB max 22 dB typical

85 dB min, 90 dB typical

Overall length Flanges

50.8 mm UBR 220 with clearance holes (see web site for alternative connectors, flanges and paint codes)



0.00 30.000000 GHz 31.000000 GHz 95.835 dB 99.651 dB 3: 4: -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 -70.00 -80.00 Rejecti 10 dB / div -90.00 -100.00 >Ch2: Start 19.7000 GHz op 32.0000 GHz