



Certificate number 24186

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Certificate number 24926

Since 2001 A1 Microwave has brought high quality technically advanced microwave filtering products to the SATCOM market. Using sophisticated in-house design and simulation software, all new designs are "right first time" allowing the design to move from the computer to the machine shop without the need for prototyping.

A1 Microwave's expertise is firmly rooted in the design and testing of microwave products and our founder has over 25 years experience in this area.



**Ordering information :- Model number PB1076CB Ku-band Satcoms Upconverter plug in filter**

Designed for Ku band satcoms upconverter applications for suppressing LO leakage from the mixer.

Passband 13.75 to 14.5 GHz  
 Passband insertion loss 1.5 dB typical  
 Passband group delay variation 1.1 nS typical

Rejection : from DC to 12.8 GHz 80 dB min  
 from 15 to 16.8 GHz 60 dB min

Overall length 70 mm nominal  
 Connectors Removable SMA to allow direct plug in

