



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 PB1106XA X-L band Satcom diplexer**

Designed for combining X band RX and L band IF with reference satcoms channels

Passband, X-band RX: 7.25 to 7.75 GHz  
 Passband, L-band IF: 950 to 1950 MHz and 5 MHz

Passband insertion loss: 1.0 dB typical  
 Passband return loss: 15 dB typical

Rejection: of X-band RX: 50 dB min  
 of L-band IF: 70 dB min

Overall length: 110 mm nominal excluding connectors  
 Connectors: N-type female (alternative coax interfaces available)

