



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 **PB1107CB** X-band Satcoms Downconverter Filter

Designed for X band satcoms downconverter applications for suppressing transmit band signals and LO leakage from the mixer.

Passband	7.25 to 7.75 GHz
Centre frequency insertion loss	1.5 dB max
Passband return loss	18 dB min
Passband group delay variation	5.6 ns typical
Rejection:	at 6.3 GHz > 100 dB min
	from 7.9 to 8.4 GHz 60 dB min
Overall length	130 mm nominal
Connectors	SMA female + male (alternatives available)

