



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.



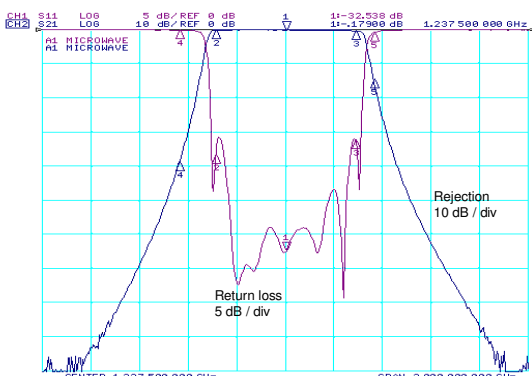
Ordering information :- Model number PB1084IB Satcoms Block downconverter IF Filter

Designed for satcoms block converter applications for suppressing LO leakage from the mixer.

Passband 950 to 1525 MHz
 Passband insertion loss 0.5 dB typical
 Passband group delay variation 3.2 nS typical

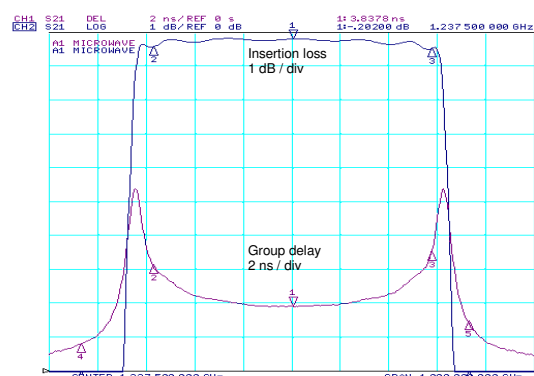
Rejection : from DC to 800 MHz 30 dB min
 2 GHz to 2.7 GHz 80 dB min

Dimensions 100 x 75 x 25 mm nominal
 Connectors SMA female



CH1 Markers
 2=-19.485 dB
 3=-16.286 dB
 4=-11.288 dB
 5=-4.5308 dB

CH2 Markers
 2=-34.200 dB
 3=-44.500 dB
 4=-35.001 dB
 5=-14.548 dB



CH1 Markers
 2=6.2450 ns
 3=6.3905 ns
 4=1.5774 ns
 5=2.9184 ns

CH2 Markers
 2=-44.000 dB
 3=-49.000 dB
 4=-35.101 dB
 5=-20.765 dB