



94 JACKSON ROAD, SUITE 110, DEVENS, MA 01434

Filters/Diplexers

Model RMFI.396-406Sf

FILTER, BANDPASS

Filter Specifications

Center Frequency	401 MHz
Span	5 MHz
Group Delay Ripple in Pass Band	± 20 ns typ.
Return Loss	18 dB typ.
Pass Band Ripple	0.3 dB typ.
Insertion Loss	0.7 dB typ.
Attenuation	@ 390 MHz $\rightarrow$ 30 dB typ. @ 412 MHz $\rightarrow$ 30 dB typ.
Power Handling	$P_{IN} = 2W$

Mechanical specifications

Dimensions (Excluding Connectors)	440 x 130 x 70 mm
Connectors	N FEMALE
Mounting Holes or Bracket Outline	TBD

Environmental specifications

Environmental	IP67
Temperature Range - Operational	-20°C to +125°C

Telephone: 978-772-3767

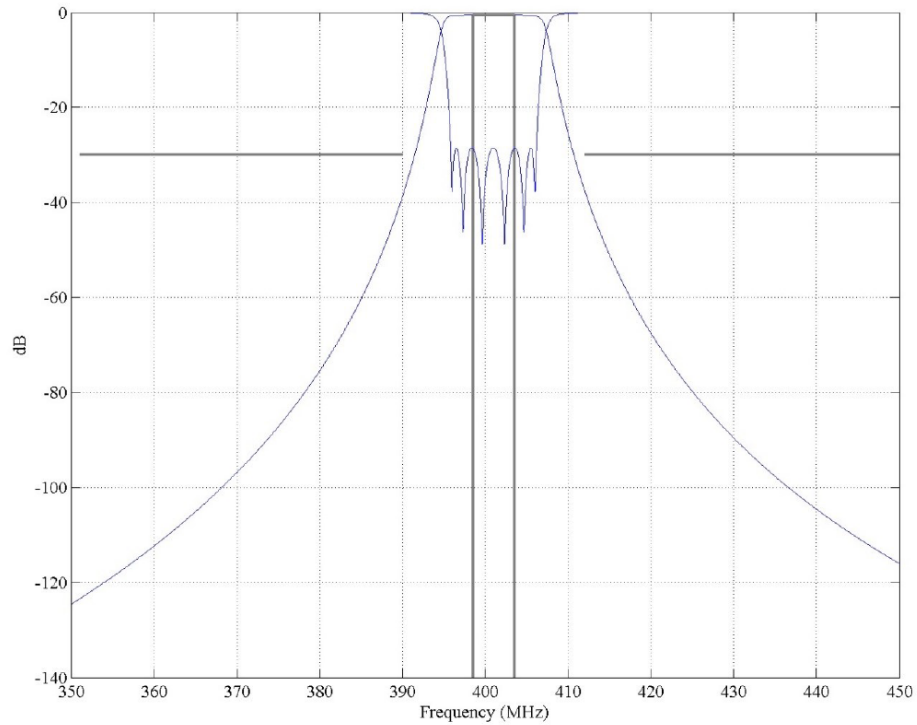
Fax: 978-772-3768

www.responsemicrowave.com



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**Filter Theoretical Response
Return Loss and Rejection**



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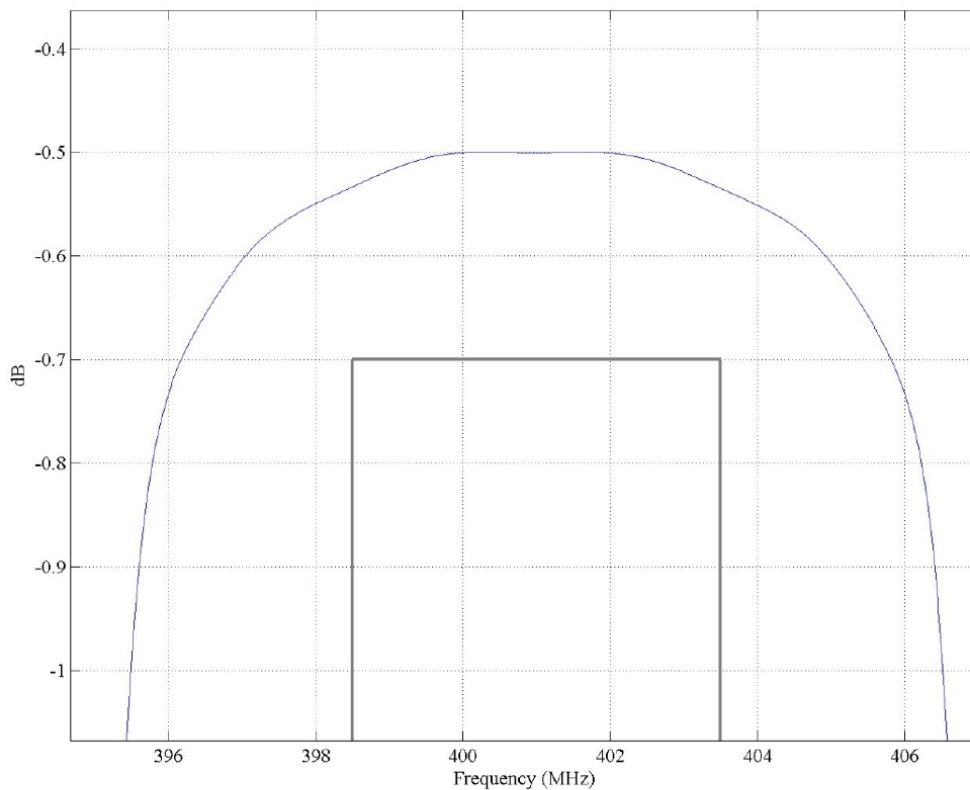
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Insertion Loss and Ripple



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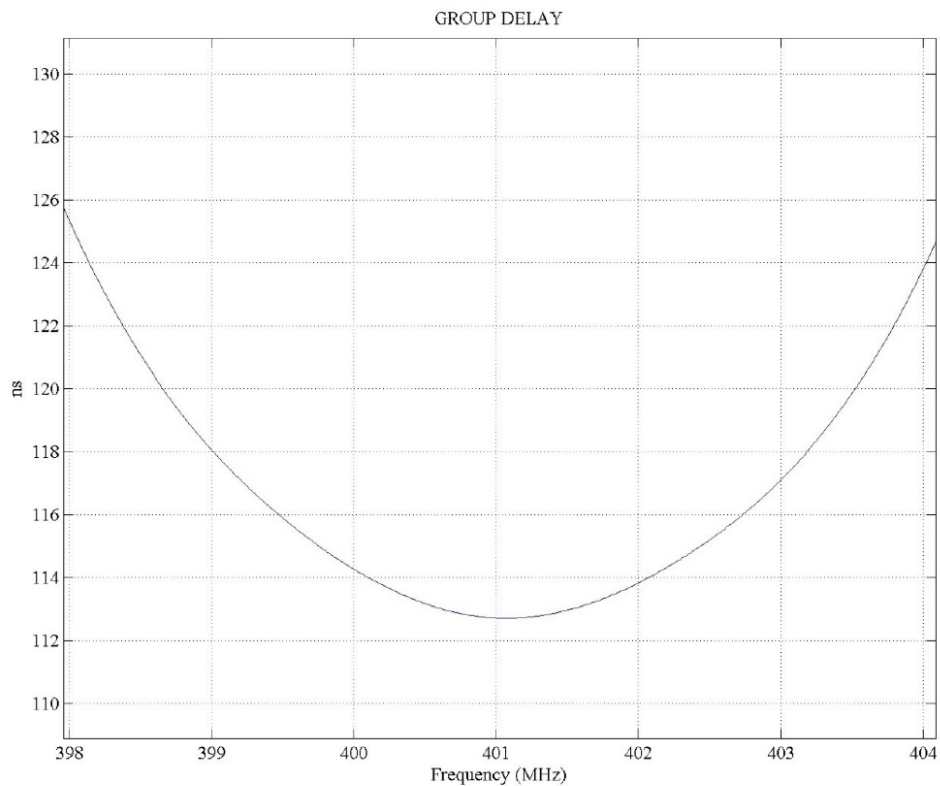
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Group Delay



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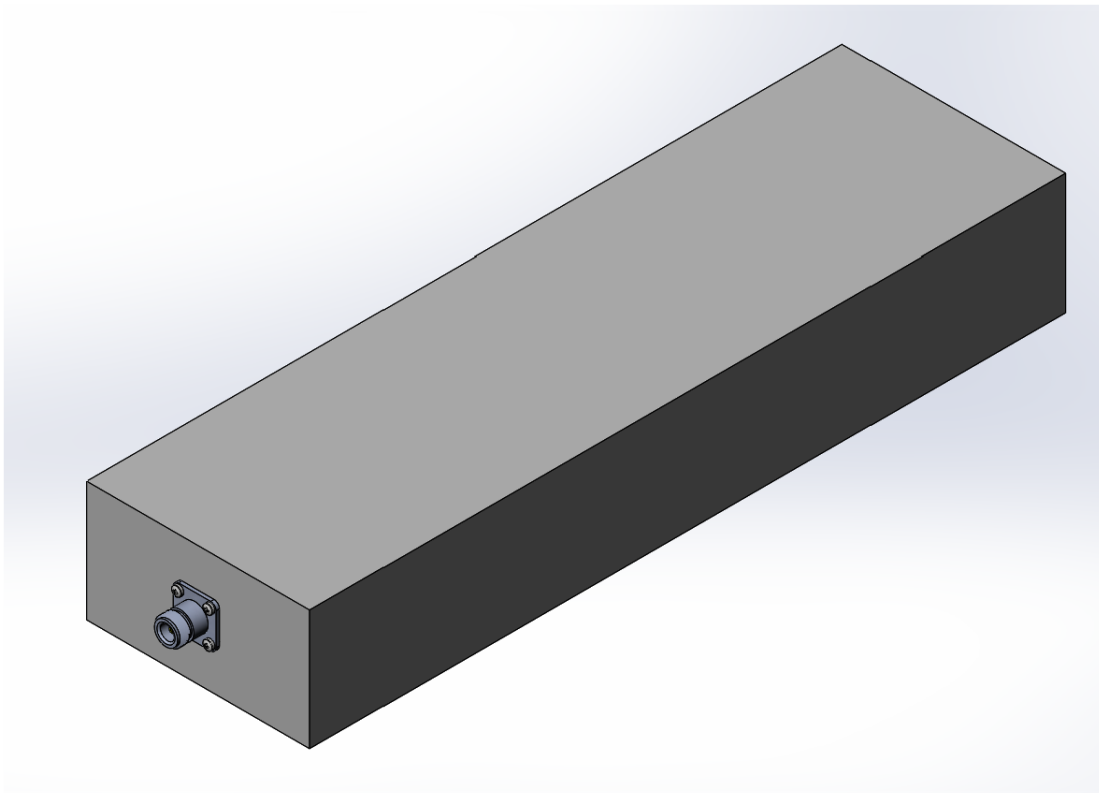
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Mechanical Outline



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