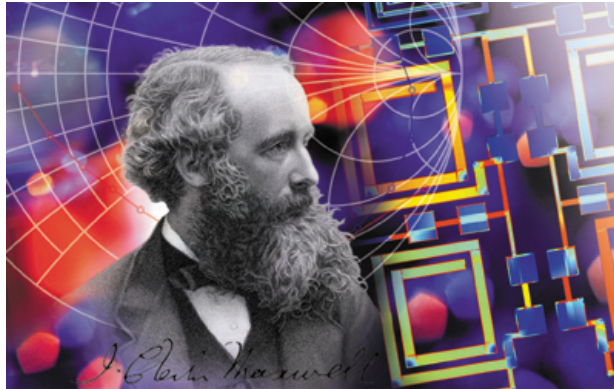


Sonnet® Application Examples



Instructions

[Complete List](#)

[Accuracy
Benchmarks](#)

[Antennas](#)

[Circuit Theory](#)

[Coplanar
Waveguide](#)

[Couplers](#)

[Digital](#)

[Filters](#)

[Multilayer Circuits
and Vias](#)

[Resistors
Capacitors
and Inductors](#)

[Techniques](#)

[Transmission
Lines](#)

[Sonnet User's Manuals](#)



Sonnet® Application Examples

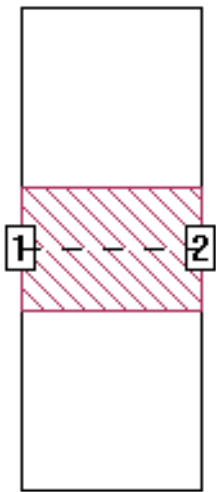
Example Files Listed in Alphabetical Order

To go to an example, click on its name in the alphabetical List.

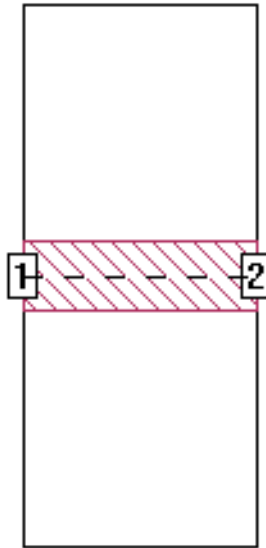
Examples with an “*” may be run using Sonnet Lite

<u>Amp*</u>	<u>Filtwall*</u>	<u>S100*</u>
<u>Bpfilter</u>	<u>Hairpin*</u>	<u>S25*</u>
<u>Br32</u>	<u>Idig_cap*</u>	<u>S50*</u>
<u>Branchline*</u>	<u>Infpole*</u>	<u>Slcoup</u>
<u>Brickcap</u>	<u>Intdigbpfilter*</u>	<u>Spiral*</u>
<u>Bridge*</u>	<u>Indtwoturn*</u>	<u>Spi_exact</u>
<u>Cap*</u>	<u>Lange</u>	<u>Steps*</u>
<u>Cm_Spiral</u>	<u>Lowpass*</u> (Windows Only)	<u>Ste_sym*</u>
<u>Cocross</u>	<u>Notch_resistor*</u>	<u>Subdivide</u>
<u>Cosht_sy*</u>	<u>Openmite</u>	<u>Sub_whole</u>
<u>Coup_end*</u>	<u>Package_resonance*</u>	<u>Tane*</u>
<u>Circ_spi</u>	<u>Par_dstub*</u>	<u>Thkstep</u>
<u>Cls_xls</u>	<u>Par_ds_opt.son</u>	<u>Thkthru</u>
<u>Cvia</u>	<u>Pspice</u>	<u>Tripat</u>
<u>Dcblock</u>	<u>Raystub*</u>	<u>Twoarray*</u>
<u>Dstub*</u>	<u>Res400*</u>	<u>Uspatch*</u>
<u>Dual_patch*</u>	<u>Res500*</u>	<u>Via*</u>
<u>Feedvia_patch*</u>	<u>Resonator*</u>	<u>2Branch*</u>
<u>Fet_manifold</u>	<u>Rhp*</u>	

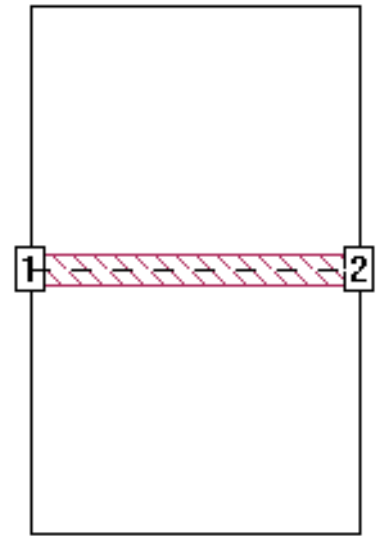
Accuracy Benchmarks



S25

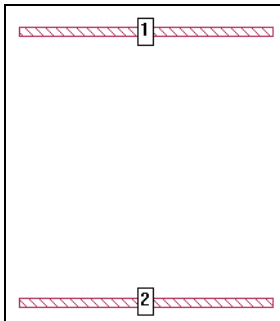


S50

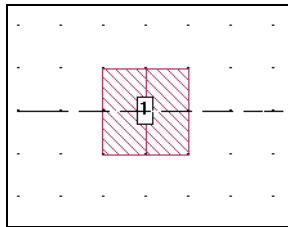


S100

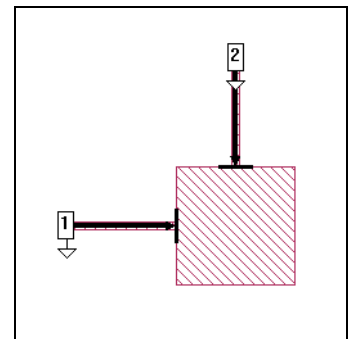
Antennas



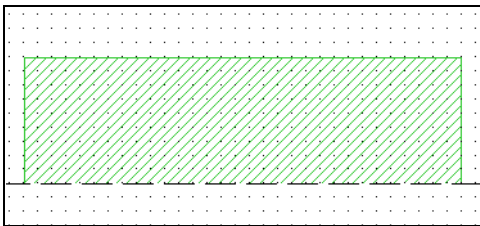
Twoarray



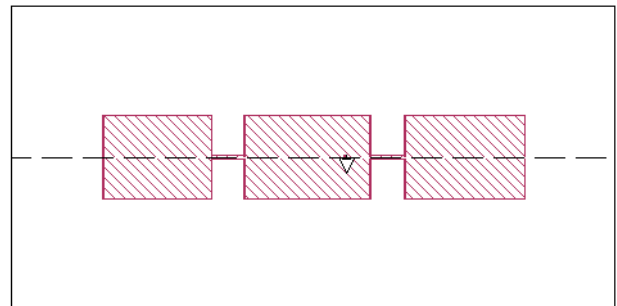
Infpole



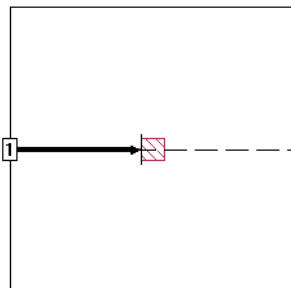
Rhp



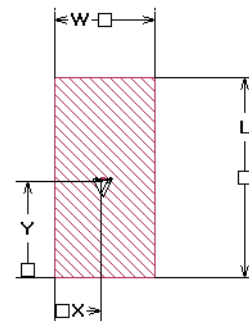
Dual_patch



Tripat

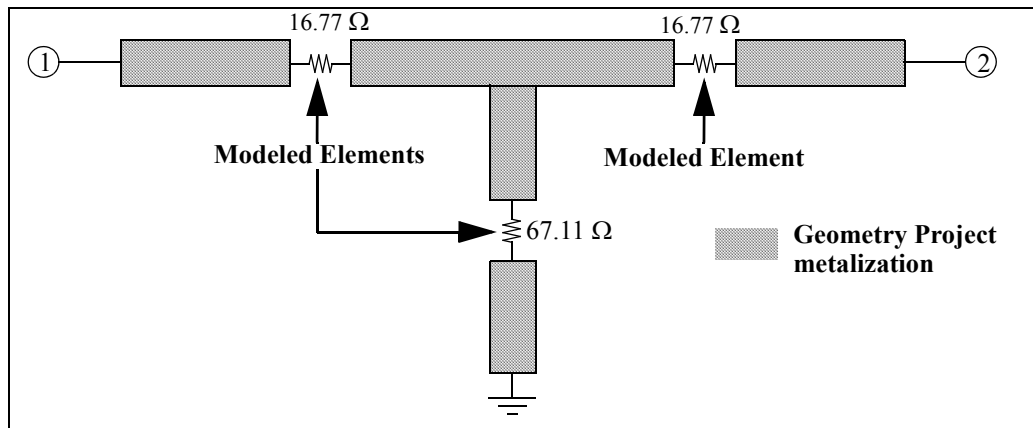


Uspatch

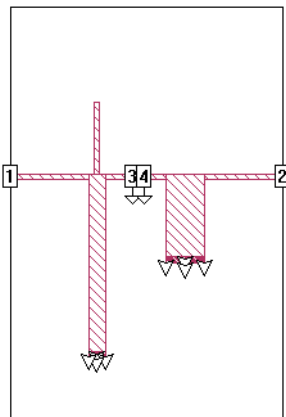


Feedvia_patch

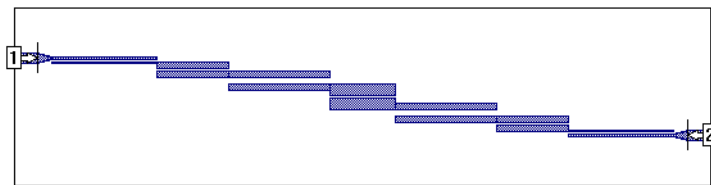
Circuit Theory



Attenuator

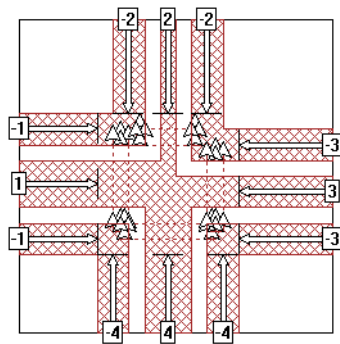


Amp

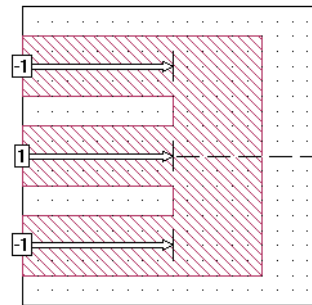


Bpfilter

Coplanar Waveguide

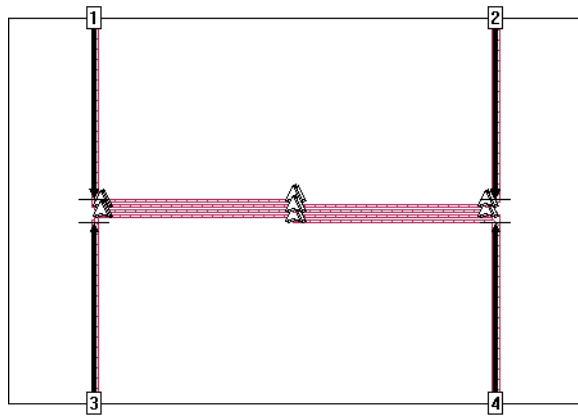


Cocross

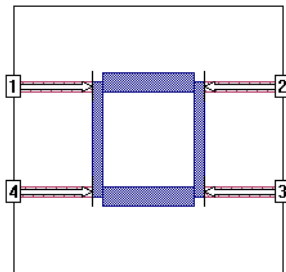


Cosht_sy

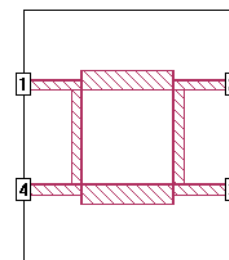
Couplers



Lange

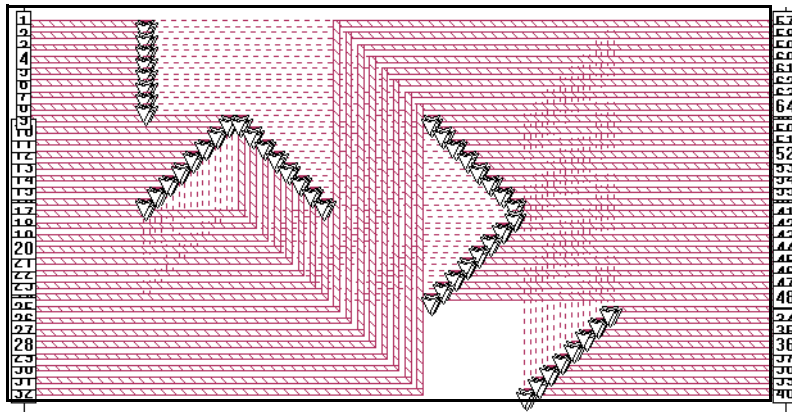


Branchline

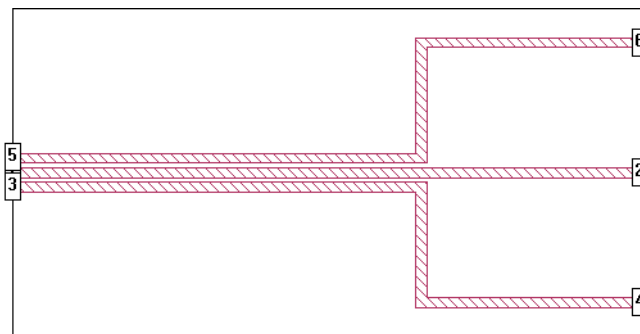


2Branch

Digital

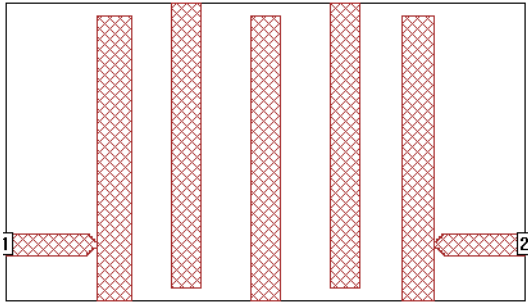


Br32

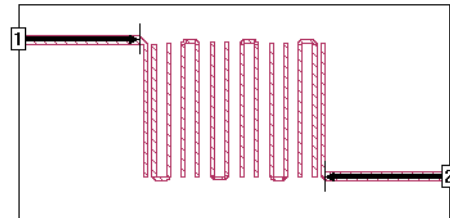


Pspice

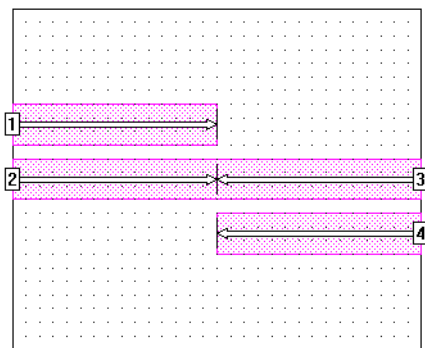
Filters



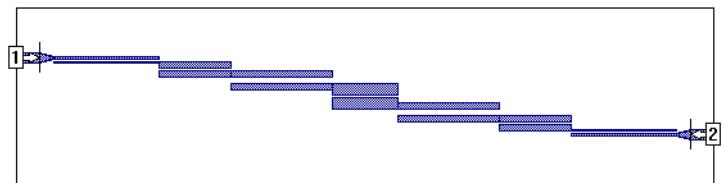
Filterwall



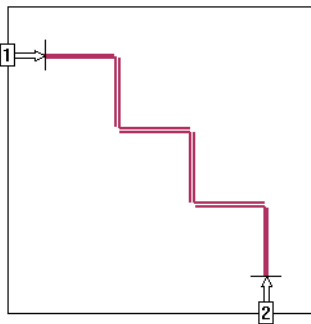
Hairpin



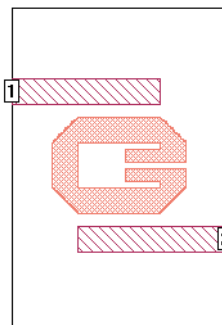
Coup_end



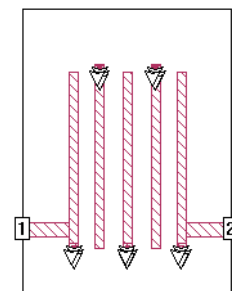
Bpfilter



Slcoup



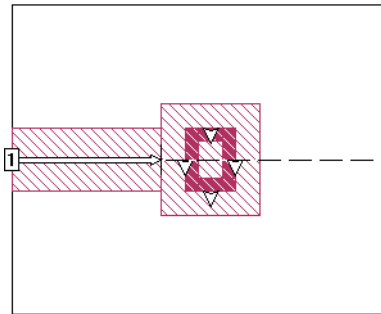
Resonator



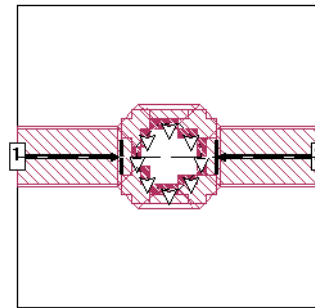
Intdigbpfiler

Application Examples

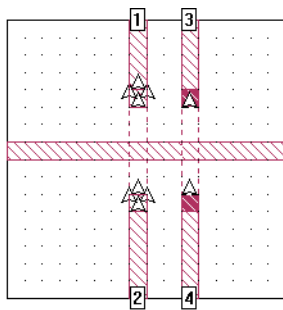
Multilayer Circuits and Vias



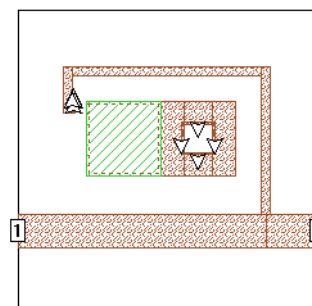
Via



Cvia

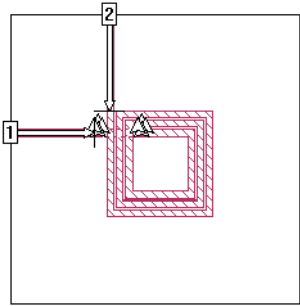


Bridge

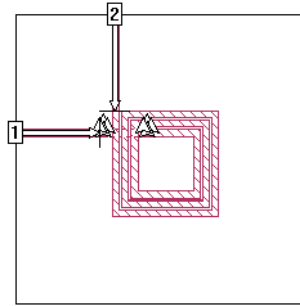


Raystub

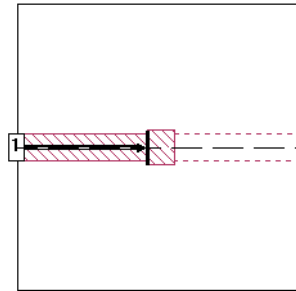
Resistors, Capacitors and Inductors



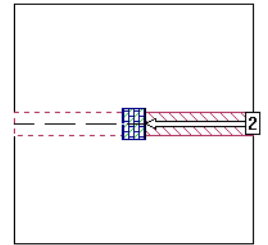
Spiral



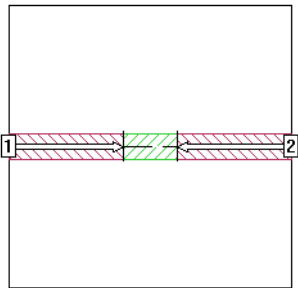
Spi_exact



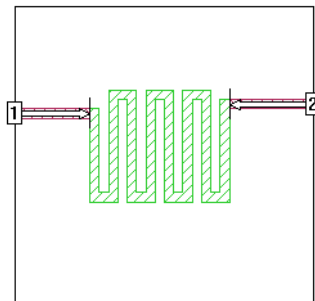
Cap



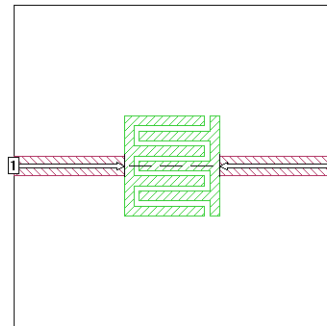
Brickcap



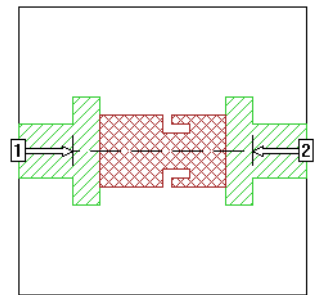
Res400



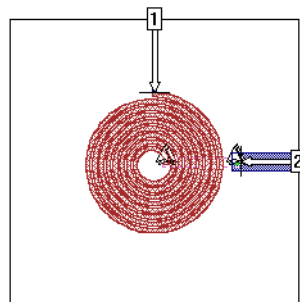
Res500



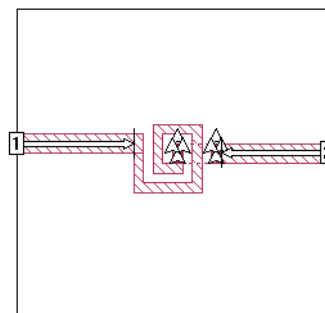
Idig_cap



Notch_resistor

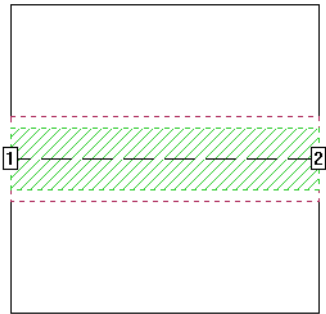


Circ_spi

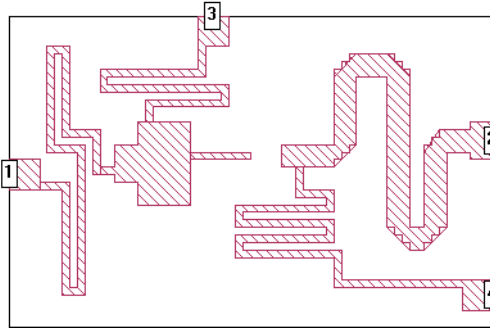


Indtwoturn

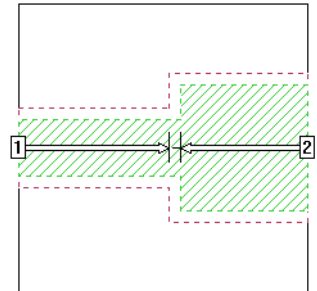
Techniques



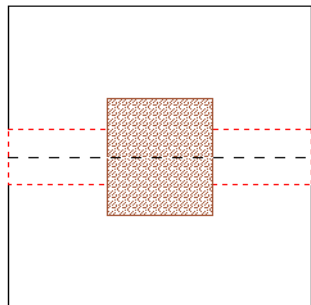
Thick Metal



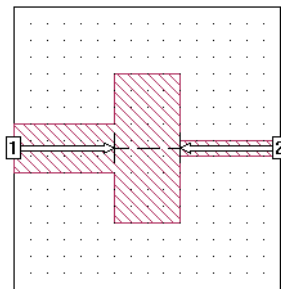
Box Resonances



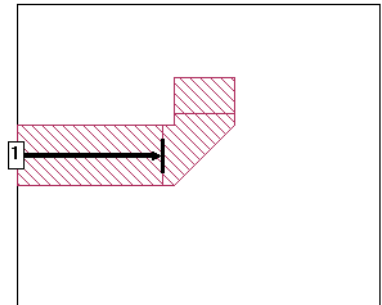
Thick Metal Discontinuity



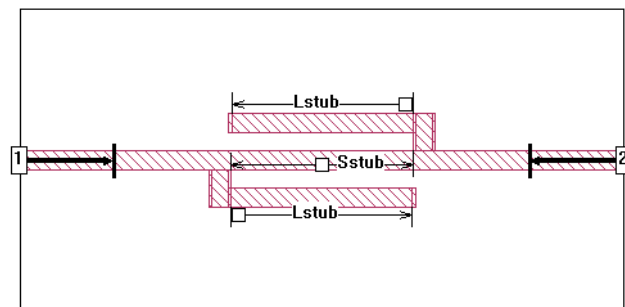
View Electric Fields



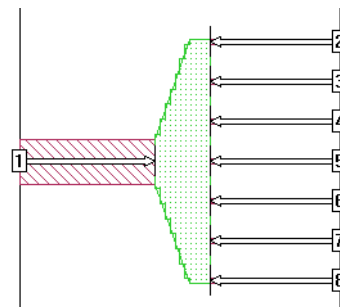
Symmetry



Diagonal Fill



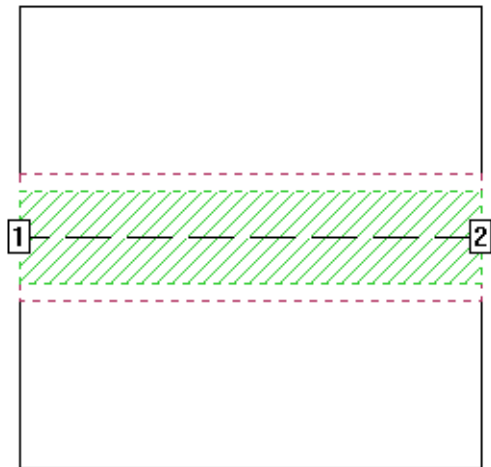
Parameters/Optimization



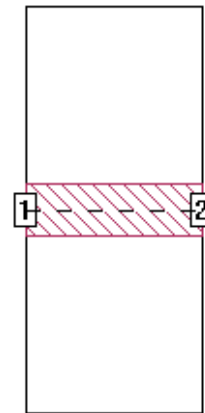
Multi-port

Application Examples

Transmission Lines



Thick Metal
Microstrip



Stripline