

Unit Load Based Return Loss

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Low Frequency Return Loss of Node

Measure Input Impedance at TC1

Below 10MHz, model input impedance with single pole model HPF Corner Frequency:







Convert Low Frequency Corner To Return Loss

Single – pole model works well below ~10MHz Convert TC1 impedance to Return Loss...

Low frequency return loss based on unit load:

RL(f)>= min(0, 93.94-20*log10(f/NUNIT)) dB 0.3 <= f < 10 Where

f is the frequency in MHz

NUNIT is the unit load value of the node; 1<= NUNIT <=16

