

**Eqn**  $ZE1=50*((1+S(1,1))/(1-S(1,1)))$

**Eqn**  $ZE2=50*((1+S(2,2))/(1-S(2,2)))$

m2

freq=1.000GHz

ZE2=26.699 / 57.677

impedance =  $Z_0 * (-1.039 + j0.066)$

m1

freq=1.000GHz

ZE1=26.851 / -57.518

impedance =  $Z_0 * (-1.039 - j0.065)$

