

S-PARAMETERS

S_Param

SP1

Step=10 MHz

Center=7 GHz

Span=6 GHz



VSWR

VSWR1

VSWR1=vswr(S11)

VSWR2=vswr(S22)

Var
Eqn

VAR

substrate_parameters

Arlon_Er=2.55

Arlon_TanD=0.0013

dielectric_height=0.508 mm

conductor_height=35 um

~~Var
Eqn~~

~~VAR~~

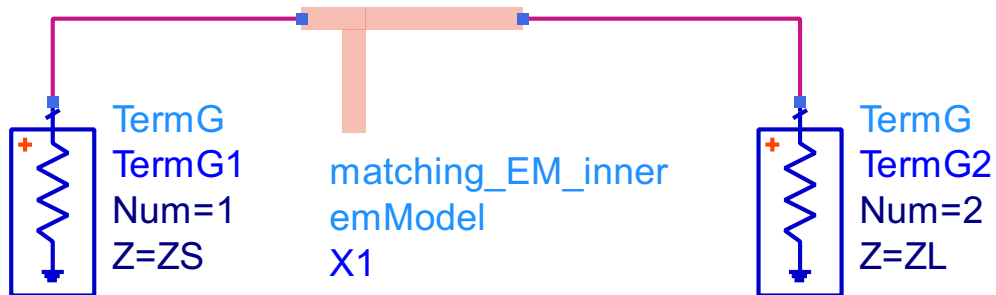
~~MLIN_parameters~~

~~W50=1.382 mm~~

~~L_feed=2.5 mm~~

~~L_shunt=5.589 mm {t}~~

~~L_serial=9.738 mm {t}~~



Var
Eqn

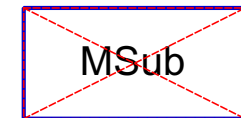
VAR

schematic_parameters

F_center=7 GHz

ZS=50 Ohm

ZL=35+j*7 Ohm



~~MSub~~

~~MSUB~~

~~MSub1~~

~~H=dielectric_height~~

~~Er=Arlon_Er~~

~~T=conductor_height~~

~~TanD=Arlon_TanD~~