



S-PARAMETERS

S_Param

SP1

Step=10 MHz

Center=7 GHz

Span=6 GHz

MSub

MSUB

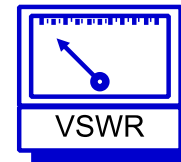
MSub1

H=dielectric_height

Er=Arlon_Er

T=conductor_height

TanD=Arlon_TanD



VSWR

VSWR1

VSWR1=vswr(S11)

VSWR2=vswr(S22)

Var
Eqn

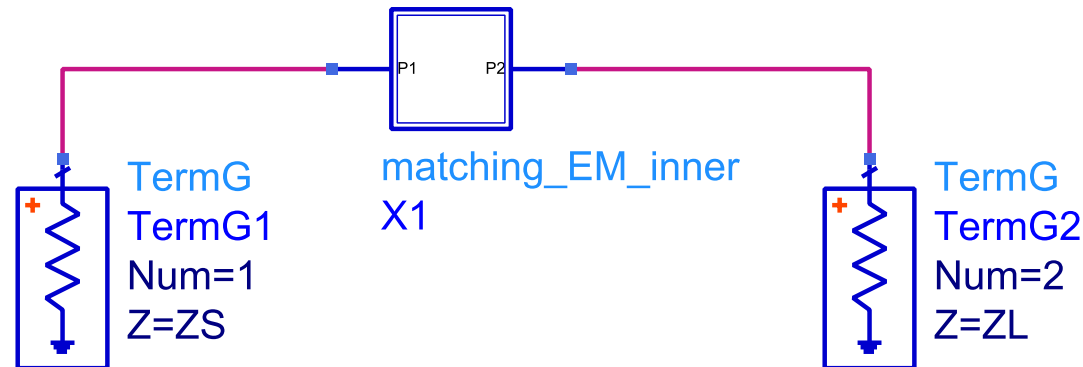
VAR

schematic_parameters

F_center=7 GHz

ZS=50 Ohm

ZL=35+j*7 Ohm



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

substrate_parameters

Arlon_Er=2.55

Arlon_TanD=0.0013

dielectric_height=0.508 mm

conductor_height=35 um