



S-PARAMETERS

S_Param

SP1

Step=10 MHz

Center=central_freq

Span=6 GHz

MSub

MSUB

MSub1

H=0.508 mm

Er=2.55

T=35 um

TanD=0.0013

Var Eqn

VAR

freq_parameters

central_freq=7 GHz

Var Eqn

VAR

MLIN_parameters

W50=1.382 mm

W71=0.755 mm

L71=7.535 mm

R_out=4 * W50

W_res=1.6 mm

S_res=0.5 mm

L_res=3.1 mm

arc_radius=L71 / PI

L_feed=1.5 mm

L_add=(L_res + W50) / 2