



rat_race_coupler_EM_inner
emModel

X1

W50=1.382 mm

W71=0.756 mm

L_feed=2.5 mm

L_curve=6.26 mm

radius=L_curve / 3.14 * 3

ang14=60.2

ang23=60

ang12=180 - (ang14 + ang23)

MSub

MSUB

MSub1

H=0.508 mm

Er=2.55

T=35 um

TanD=0.0013



S-PARAMETERS

S_Param

SP1

Step=10 MHz

Center=centeral_freq

Span=6 GHz

Var
Eqn

VAR

freq_parameters

central_freq=7 GHz

Var
Eqn

VAR

lines_parameters

W50=1.383 mm

W71=0.756 mm {t}

L_feed=2.5 mm

L_curve=6.26 mm {t}

radius=L_curve / 3.14 * 3

ang14=60.2 {t}

ang23=60 {t}

ang12=180 - (ang14 + ang23)