



Port input power:

$P_{in}$   W

Port phase:

$\theta_{in}$   rad

▼ Port Mode Settings

Input quantity:

Electric field:

$E_0$	$\exp(-i*(kay*y+kaz*z))$	x	V/m
	0	y	
	0	z	

Propagation constant:

$\beta$   rad/m

Wave excitation at this port:

Port phase:

$\theta_{in}$   rad

▼ Port Mode Settings

Input quantity:

Electric field:

$E_0$	$\exp(-i*(kay*y+kaz*z))$	x	V/m
	0	y	
	0	z	

Propagation constant:

$\beta$   rad/m

▼ Variables

Name	Expression	Unit	Description
ka	emw.k0	rad/m	propagation constar
kaz	ka*cos(theta)	rad/m	kz for incident wave
kay	ka*sin(theta)	rad/m	ky for incident wave
kax	0 [rad/s]	rad/s	kx for incident wave