

Local Oscillator

Input Parameters

- LocalOscillatorPhase
- LocalOscillatorOpticalPower
- LocalOscillatorOpticalPower_dBm

Functional Description

This block accepts a complex signal (either with XY polarization or a simple Band Pass signal) and outputs a phase constant complex signal with the same length as the input signal. The phase and optical power are defined by the values of *LocalOscillatorPhase* and *LocalOscillatorOpticalPower* respectively.

Input Signals

Number: 1

Type: Complex signal (ContinuousTimeContinuousAmplitude)

Output Signals

Number: 2

Type: Complex signal (ContinuousTimeContinuousAmplitude)