

# BER

## Input Parameters

- setZ

## Functional Description

This block accepts two binary strings and outputs a binary string, outputting a 1 if the two input samples are equal to each other and 0 if not. This block also outputs a *.txt* file with a report of the calculate BER as well as the estimated Confidence bounds for a given probability  $1 - \alpha$ . The probability for the confidence bounds is determined by the  $z_{1-\frac{\alpha}{2}}$  percentile of a standard gaussian distribution, value which has to be fed into the block.

## Input Signals

**Number:** 1

**Type:** Binary (DiscreteTimeDiscreteAmplitude)

## Output Signals

**Number:** 1

**Type:** Binary (DiscreteTimeDiscreteAmplitude)