Creating the DiMESIMU library requires custom SIMULINK blocks that may be used for successful data streaming in a SIMULINK environment. These blocks are DiME Send, DiME Receive, and DiME Object Initialization.

- **DiME Object Initialization** block must be used in combination with either the DiME Send block or the DiME receive block. This block takes as a parameter the address and port of the echo server and creates a DiME object to handle the data streaming.

- The **DiME Send** block takes as a parameter the amount of input data to be streamed. This block is responsible for the formatting of the numerical simulation data into Matlab structures and also the sending of that data.

- The **DiME Receive** block takes a numerical input of how much data to be received at a time as well as the amount of data to be received as a parameter.