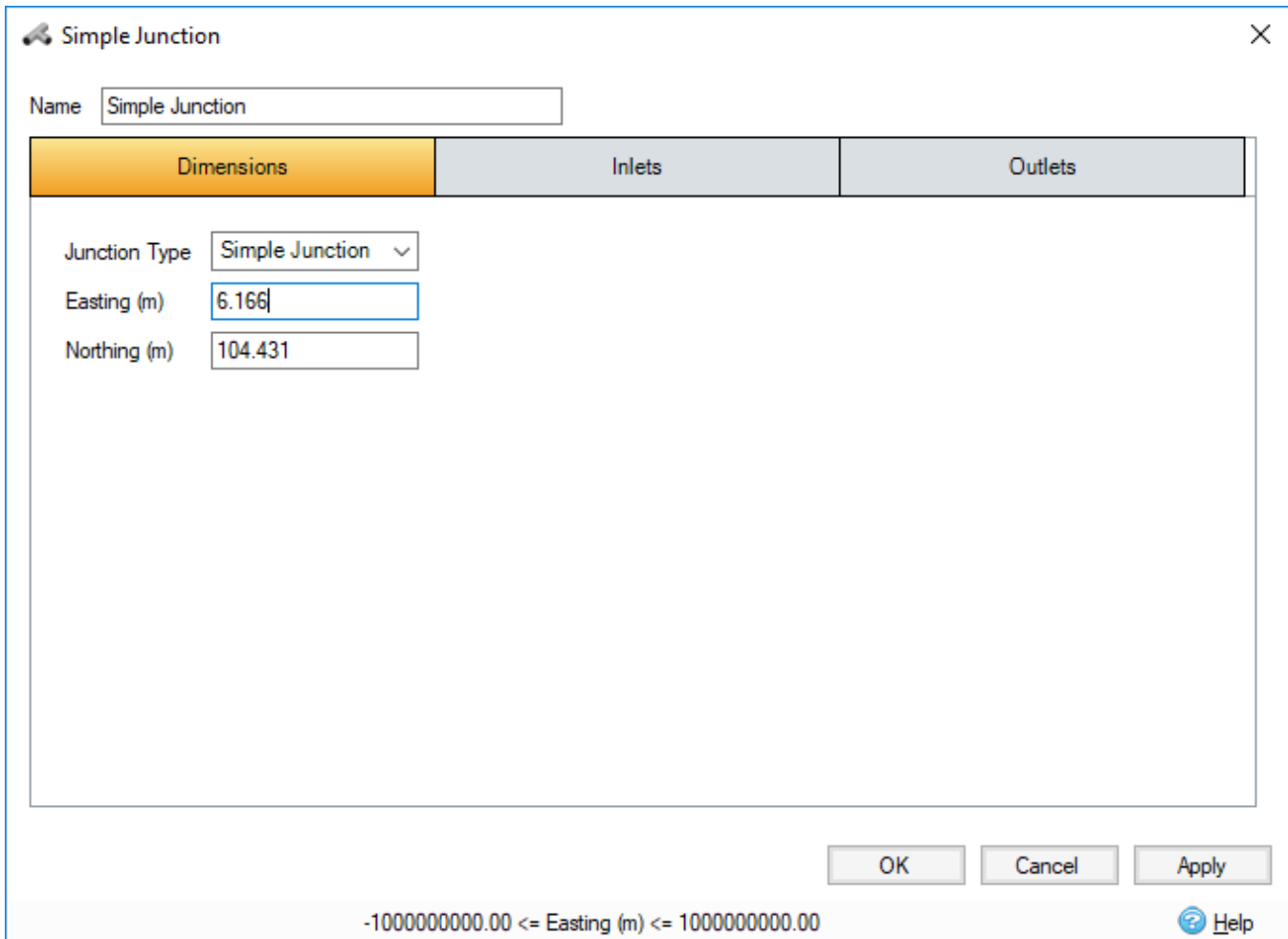


Simple Junction

Simple Junctions are typically used to connect two open connections, such as the [Rectangular Channel](#), [Trapezoidal Channel](#) and [Triangular Channel](#) connection types, where there is a change in the dimensions or slope of the channel or where an open connections meets a [Pipe Connection](#) connection. The Simple Junction may also be used for pipe joins without a manhole or for joining other Connection types.



The image shows a software dialog box titled "Simple Junction". At the top left is a small icon and the title "Simple Junction", and at the top right is a close button (X). Below the title is a text field labeled "Name" containing the text "Simple Junction".

The main area of the dialog is divided into three columns: "Dimensions" (highlighted in orange), "Inlets", and "Outlets".

Under the "Dimensions" column, there are three input fields:

- "Junction Type" is a dropdown menu with "Simple Junction" selected.
- "Easting (m)" is a text field containing "6.166".
- "Northing (m)" is a text field containing "104.431".

At the bottom of the dialog, there are three buttons: "OK", "Cancel", and "Apply". Below these buttons, there is a range constraint: $-1000000000.00 \leq \text{Easting (m)} \leq 1000000000.00$. To the right of this constraint is a "Help" button with a question mark icon.

Special rules apply to Simple Junctions during analysis. The levels are inferred from joining connections where these exist, where Simple Junctions are used to join Connections without levels flow is assumed to pass straight through unless restricted by an Outlet.