Easy Guide
Common Data Entry
Application Example

Consider the example above where all pipe diameters and valve diameters are to be the same. Rather than enter each data value individually you can enter the diameter into one component and then copy this value to all other selected components. First we must collect the components for which we want to enter a common diameter.

Collecting components

When first building a network and a component is placed onto the schematic or a node is created, it is automatically listed in the Data pane in the component collection.

When re-opening a network you can collect components and nodes in several ways;
By right clicking on a component or node and selecting ‘Collect…’

Or by ‘rubber banding’ a selection of components and/or nodes and then right clicking and selecting ‘Collect…’

By using the Add drop down menu and selecting all or specific components and nodes

Or by double clicking on a component or node.
Data entry

To enter a common diameter for all components in the collection, first select one of the components and in the lower pane click the Diameter entry field.

A drop down menu will automatically appear next to this cell allowing you to choose a unit for that value. The default unit is the one that is selected as such for that unit set.
Copying Data

To copy a value from one component to another, the first step is to tick the box next to the desired value in the Copy column and then select the Copy icon in the top right of the lower pane.

This will open the Copy Features window where you can specify the copy function of your choice:

For example, if you want to copy the diameter from one pipe to the other, you can choose the Strict matching (matches component type and data field name), but if you want to copy it over to both the pipe and the valves, select ‘Relaxed’ matching (only matches data field name).