# 2hp Buff

## Active 2:6 multiplier

## Tech Specs
Width: 2HP
Depth: 10mm
Power Consumption:
+12V=16mA, -12V=16mA, +5V=0mA

**Buff**

### Input 1
Signal input for the first channel.
Normals to the second channel's
input when no cable is present in
Input 2.

### Output 1
Outputs a copy of Input 1's signal.

### Output 2
Outputs a copy of Input 1's signal.

### Output 3
Outputs a copy of Input 1's signal.

### Input 2
Signal input for the second channel.
This input only sends its signal to
outputs four, five, and six.

### Output 4
Outputs a copy of Input 1's signal.

### Output 5
Outputs a copy of Input 1's signal.
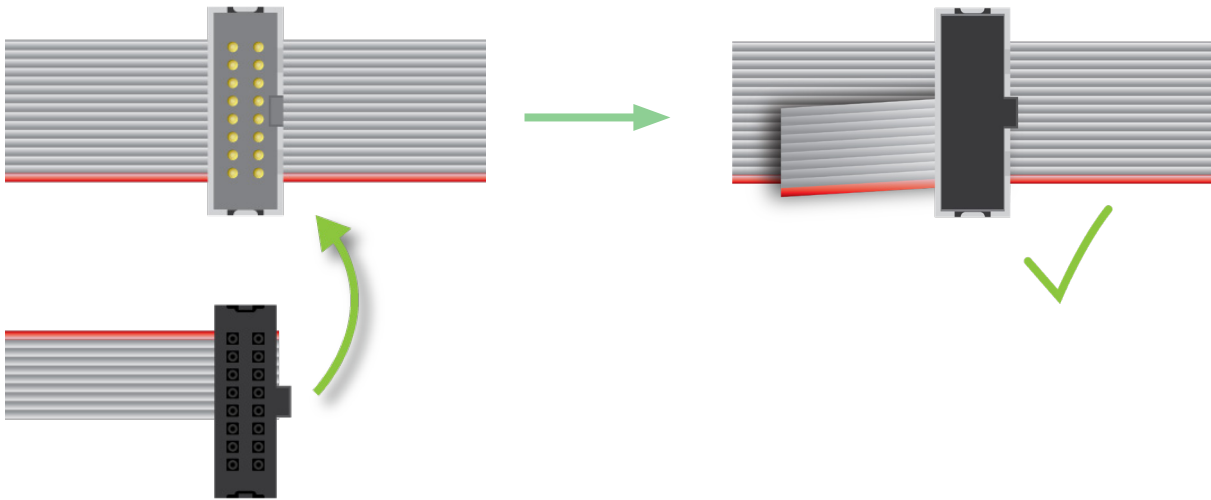
### Output 6
Outputs a copy of Input 1's signal.

**2hp**

Discover more at twohp.com/modules/buff

# Module Installation

- To install your 2hp module, locate a space with the appropriate HP in your rack for installation.
- Next, connect the module's power cable to your power supply. The cables on this end are keyed, though you should make sure to align the red stripes on both connectors to ensure safe and proper connection. Our illustration uses a flying bus cable, though the same action applies for busboards/alternate power solutions. See the figure below for reference:



- Next, make sure your module's power cable is properly connected to your module. For 2hp modules, confirm that your cable's red stripe aligns with the white marker line on the module's PCB, just above the power header. You may notice that even though there is only 1 row of 5 pins on your 2hp module, but 2 rows on the power cable. You can use either row of 5 pin connectors on the cable with your module, so long as the red stripe is properly aligned. See figure below for reference:

- Finally, mount your module to the rails using appropriate mounting screws. Your module is now ready to be powered on and patched!



RED STRIPE

Both sets of 5
connectors work

Align Red Stripe
with White Stripe