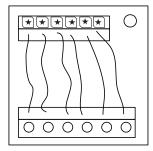
On the Subject of Not Complicated Wires

These wires are just like the others. They have stripes! That makes them exactly the same. The good news is that we've found a stupid set of trickeries on what to do about it! Maybe too stupid...

Look at each wire: there is an LED below the wire and a space for a '★' symbol above the wire.

A '*' symbol or lit LED represents a 1; a blank space or unlit LED represents a 0, and each wire represents a logic operation.



For each wire, evaluate the operation, and only cut the wire if it returns a 1.

| Second character of serial number | White | Red | Blue | White/ Red | White/ Blue | Red/ Blue |
|---|---------|---------|---------|---------------|----------------|--------------|
| 1/6/E/J | AND | XOR | OR | XNOR | IMPLIES | NAND |
| 2/7/D/I | OR | IMPLIES | NAND | AND | XOR | XNOR |
| 3/8/C/H | XNOR | AND | XOR | IMPLIES | NAND | OR |
| 4/9/B/G | IMPLIES | NAND | XNOR | XOR | OR | AND |
| 5/0/A/F | XOR | OR | AND | NAND | XNOR | IMPLIES |
| Otherwise | NAND | XNOR | IMPLIES | OR | AND | XOR |

^{*} IMPLIES means TOP implies BOTTOM.