



## How to pin a modular adapter

1. Obtain the pinout information for the adapter. A pinout, or wiring diagram, is a chart that tells how the pins of the RJ-side connect to the pins of the DB-side. See the table below for an example of what a pinout should look like:

DB9	RJ45
2	3
3	2
5	7

Pinout information should be available from the manufacturer of the equipment that is being connected with the adapter. **Please note that Cables To Go cannot provide pinout information**—there is no “standard” or “universal” pinout for a modular adapter.

2. Determine the numbering/coloring scheme used by the leads as they come off of the RJ-side of the adapter. For most mod adapters built by Cables To Go, the color code shown below is standard. However, these may be subject to change without notice. The most accurate way to determine the color code is to look into the back of the RJ connector, or to use a multimeter.

1	————	BLUE
2	————	ORANGE
3	————	BLACK
4	————	RED
5	————	GREEN
6	————	YELLOW
7	————	BROWN
8	————	GREY

3. After you have determined the desired pinout and the color code of the leads from the RJ-side, carefully poke the DB pins into the DB connector. You may be able to simply poke the pins in with your fingers; otherwise, needle-nose pliers may be used. If you do use pliers, take care not to grip the pin so tightly that it gets damaged. When poking the pin into the connector, you should feel it “lock” into place.
4. Once you have poked all of the pins into the DB connector, snap it into the plastic shell.