

Making CAT 5 RJ45 to RJ11 Serial Cable

Strip back about two inches of casing from around the cat 5 cable on each end. Make sure not to cut any of the individual wires within the cable. If you do cut one of the wires, cut back another two inches of casing. On the side where you will be placing the 8wire RJ-45 connector, arrange the wires in the following order from left to right:

Orange white
Orange
Blue white
Green
Green white
Blue
Brown white
Brown

Flatten the wires out so they will fit in the connector. This can be done by rubbing the wires between your thumb and forefinger.

Cut the wires evenly until they are all about one inch from the end of the casing around the cable. Insert the wires in the order listed above from left to right into the 8 wire RJ-45 connector with the modular locking tab facing down. Make sure the wires reach all the way to the end of the clip. After doing this crimp the end with the wires still in the clip.

On the other end of the wire, the side where you will be placing the 6 wire RJ-11 connector, arrange the wires in the following order from left to right:

Orange
Blue white
Green
Green white
Blue
Brown white

Flatten the wires out so they will fit in the connector. This can be done by rubbing the wires between your thumb and forefinger. Cut the wires evenly until they are all about half an inch from the end of the casing around the cable. Insert the wires in the order listed above from left to right into the 6 wire RJ-11 connector with the modular locking tab facing up. Make sure the wires reach all the way to the end of the clip. After doing this crimp the end with the wires still in the clip.