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How to make a Cat 5 Patch Cable

Cat 5 Patch Cable Assembly Instructions

Download - [How to make a Cat 5 Patch Cable](#)

Step 1

This procedure generally applies to Cat 5E connectors.

See [Connectors](#)

Step 2

Cut the cable to the length needed.
If you plan to use snagless boots, this would be a good time to slide them on.
Be sure the boots will be facing "out" towards the connector.

See [Snagless Boots](#)

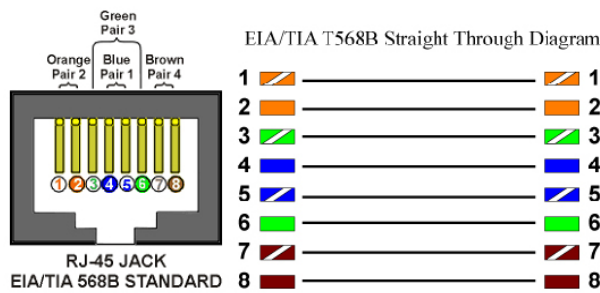
Step 3

Strip back the cable jacket approximately 1 inch.
Use the cutter provided with the crimping tool or strip by hand.
Be careful not to nick the individual wires.
Un-twist each of the 4 pairs and straighten each wire as much as possible between the fingers.



Step 4

Use the 568-B wiring scheme on both ends for a standard patch cable.



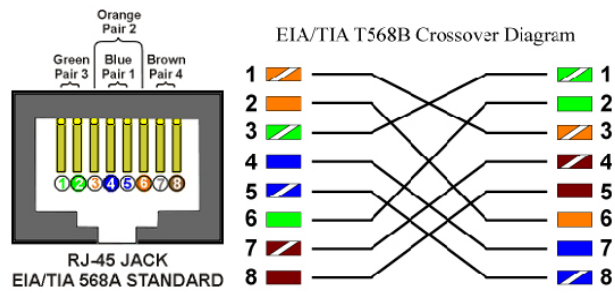
For a crossover type cable use the 568-B scheme on one end and the 568A on the other end.

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Step 5

Bring all of the wires together as closely as possible. Hold the grouped (and sorted) wires together tightly between the thumb, and the forefinger. Cut all of the wires at a perfect 90 degree angle from the cable, 1/2 inch from the end of the cable jacket. Use a sharp cutting tool so as not to "squash" the wire ends.

See [Precision Cutting Tool](#)

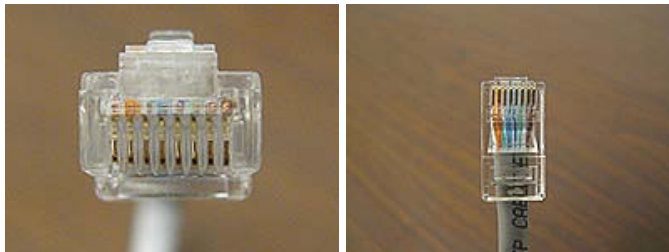


Step 6

With the connector pins facing up, carefully insert the wires into the connector. Apply a moderate amount of force in order to properly seat the wires against the contacts in the connector.

Step 7

Observe the tip of the connector to confirm that all the wires are fully inserted. The end of each wire you should be in full view. Also, there should be enough of the cable jacket inside the connector to crimp against.



Step 8

Place the connector into the crimp tool, and squeeze hard so that the handle reaches its full swing.

See [Crimping Tools](#)



Step 9

Repeat the process on the other end using the desired wiring scheme. Be sure to slide the snagless boots snugly over the connectors when finished.

Step 10

Always use a cable tester to check for continuity, opens and shorts.

See [Cable Testers](#)



Step 11

Building patch cables takes practice so keep at it until you master your technique!

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