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Abstract

I wanted to know how to make a cat6 ethernet cable. I have made cables before but I wanted to make more cables for fun and practice essentially.

How to make a cat6 ethernet cable

Dominic Sykes

HOW TO MAKE A Cat6 PATCH ETHERNET CABLE

**Step 1**

This procedure generally applies to Cat 6 RJ45 connectors.  
An alternate method is given for connectors utilizing a "load bar".

See [Connectors](https://www.warehousecables.com/cable-connectors-rj45-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](https://www.warehousecables.com/snagless-boots" \t "_blank)

**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.

![A picture containing indoor

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z5SRxvuSzxlmUt4sgU1prxjAJWy7RQ2FtzbzZP2FkQ2tKkn4kLoxqteFnVK/J2u4Mxf2YSfypVs/pjxvycrMcGJvtBryJkEf8A7I5ebkrSbXVE/MA11Dxh60Lwt5tWzaCD7NJpY/TCc2H7D8uI7nSq/JsdIOwv3LvDghyzt0+52Iid8mq9bbanJC8VkOr4IWlxsHxoqkYfLW/fyT/et6LYRTh50s/AxLWd2rdqVlYlMW5t/wAuYlW3T7yIrLhpEzYmJ1RdRCrtWTJXftKWRJzEtLIBabNUHmQeOfGLRLz7LzAWhWXKOOrW7db9WnIIlLZk7Mmy0atzCG1tPNnoQafCLr2OdsrdoBNjW0PNJ1C6sLWvcdHKvOMFam6V3HVfc6VCpCvFKWkvsdMrZU6j0S8B4kGK9a9w7t2qHEWhYdnTG0+sWZZAWTzxgV+MLWNb6JqXxpxVrE/LTYJ3vdCo8uYM4VKZng7Dez+mdhLr/rjnzgRpvnaBl/ywIbaPf7mfPU7HCTeSalWZzPSPFlRXh/6EE2lQB4npB2s1qWeGkam9LszdbB3fRowD1zrBWRiV0HKC1xKUsj82FCrZIy9YwO2hL3FNonHnoDEtdC8loXQttFs2fjeChs56UGk2xy/PGZHWIVOSvWrQZx7tOJV16xPoV5nV9j2tI2rZ8pOyDyXpeYbSttdc6cj1GnhEptNzM0wHSOduyK9arv2mLNnHEizpw1QSd2Xe4HuXkPjG9yzqHVgnDjBpTnUa92cIfgY2OqH0tO4Gg2W14MyCB8PfBXXkPUW6rZ0yQK6GEkqSUBGMopUd0EbCwFBwIcwajn1iXJlPVocG+hSAaZg8TzgLNaJcwg+ukYcuRhJLm0d2XqIpv8e4R7PrqRRSa4MdOBOlIlwgFCOISKGg3cjDOYbaEwhFF7TUlYypyEGlZiZMwpCmF5AIJypj4n7xBpjA29jCqLcXQcchDYyuXsIvIrRC+6GM6EklPuh6skkcawymikoVXLmBDQSo3hbQULqKjM98ZBfpoylqS4QfTrQXHv0CNptai1rUpScCBry6xhl8JtU9eqaeKqBCAgA8BAz2KhHUbNTCXaHDgWgZo59RByS2jm8vQQzKC2EOYc0GvfC5cV63trFQfsDlAR1LnCz0CFAUvAFKJrnHiwK0OYQdOcKJRRASlWZ1rxgYOXqI49YJsVEaPBY3Rm5qT1hmW99SPYRqvnD108U550A5Q3mBgGyCVDiTzMWCxq7vL03Bp0jrjy0UpV2YWYlWhtpr/Ifjkhftchr1jrXy1AT2XWZhr/DTWn9Q/D4/KkVD5iORdkto4QvI8CIDSlMr3FKB5cIK04sLUVDGOifvELNqYf8AyF8j8453mdbyCbqirCrYr48jAxu5IdCkHVC+BgLbcbPpN9vnyj1tRSlW032zxGfvi8pV7BtmcCljCBy4fsghbJ190OEt032Sqh4Vr7oM2GS7RQwL6RM2UuwgwpaE8HGxw5QqQ05Q1p3jWFXWdmMYTjQeI1hJtA9VGaeIOsHGz1QDutGAy5bIWcweBNaQrRGRIoeFfnAaWWsVF/2F5j9kBL0urEl0UBOYOYi9QND1Yz5dDpASU8q8wYRWHWz6I42/ZBOUFripUUPL9sEUxdLyW/qlqQfaBTkYDs8gsKSUqQacNIQwIGqqHmIBlqj2q/4YppMtNrY6Z8p9pN7vJds+8zHpFyqJO0aj8oAL/wCOOX5CfrKN46qyy5x1P5PS5e/Xk+WzcWZWkuSYekBxo24CttXvJ90ctWZKrk9tZU+jZzci8uXeQsaLQaGNeJ8UVIxYTwzcR4mZbOmvHnBTMnHQqr3QDLoVwwLGXfBE428SSK0/JzjEvodBvuKJmQfs+/SCl5NfW166wTccXp4HIwm6hQxUOIdYvKVoITrrZKskk8aikJ2IyzMXis5tXqLmmwcusJTWtccSHZ/JPWnfuw5FpCfSzrdeQAVUn3CJm8JI2zI6bsSy7esRtc5KPedS5zcl1nNHceJ6RNyN/JNzE1tcD7ZqtpzcWPCLXZ0sHECiaNo06ftigdrtzbKtmQcW6zgfpVDreSx46xz3HqdSlKFR5ZGlSVqMLlGllaalIMCOdLDvNfKybKYsxEgzaaJYFtE06N9xIJpXqBQeECBtMX7ku5Wm+z2+AXQWQc9fxhn9eHS7gXuSgNIsg04/jDX68CBHbyI85mdgzfZ/e40/ck0H/iGv14Dtw72Y/wCCch/4lv8AXgQIjgrlqTsD8Ab2A/wT1/fLf68ET2f3vW5vWQaVr++Gf14ECCjBFyeoobg3tWpX7jlSSKKBmGs/8cbH2W/hKuSFlW5Z60vy7IVKvh5s4m9MKqHWBAgZ0o2BjN5i9M2XPKWE7AqQlFU1WMvjAds6ebQVoaTVFfaGcCBCuVEbnYiuyp4raLUvgqmrm+M0+/WCzNlTjrwSWV7JZxAJWBiw6DXKBAi+TALOxFFj2tjaKxtQokFCVhIHGFPoi0A4lJaFEKJRvp4wIEHGCKc2RrVkWs4XUuS9Al5SRRwZhOQ4x5OWLaykqCZU4sWu0R84ECDjBFOTKtemwrfTIulqzipKUVUkOtpxK+zrpGUznZ3es25NKXZiXMSRVRmW8z74ECJUpqxKcncfL7ObyLkHAbMTVaN307eR98Qsv2eXxUyMdkmoy/fDX68CBARgi6k2Lf6P74BClCyTjrQfjDX68Fe7Pr3FAZbsgpR7X4w1n/jgQIigri3JiX+jy9yEKWbIJKTQfjDX68IJ7OL54i79EGtN0edNZf44ECDyIG40f7N745JFj5VxK/GWcz/fjozy0nC12YWYoCv7tNCn/kPwIEMcUqMiUvmo5HGydoqhBGkJLQUqoQkg8YECORDc7U9hRpxaUhK95umvGDJYClFxg4enOBAhiE/FuesrOJSk7qq0UOcOQcdEOJAxaQIEG9yo7BkIcbSVDCeYj1WyWneBSRllwMCBCuga2EXUOioG+nhUwmmrihTdPWBAhkdQJKwdONtwqbXRNaKHOFFqQTgd3CcqaiBAi1uToFEu4zQpViQdKwAcSlAbpppAgQUfFuLksr0NM8l69hu92rtSLpUZO3WvNF4Ro6nebVT+8PGPPKiukbu9q7lqMhIk7fbMwEBWaXk7q/fkYECNv/QYH/yDM0OFsYHBjEOk+lR6I5dYECMNQ6NIavICslCh0A4QkuqE5b4AzB9b3wIEWndAoZuJQuq08NQeEWTsRkXpztYsRDCkqCXitVcqJCDWBAgZ/AxlPWx2xKIQxLNsoyNIo/ajOmQsx6ZWmoA0ECBGGWxswvzEM7r9n9rO2BKPuWm2wp5G1LYTiCcRKqV8YECBDFFCZYuom9T/2Q==)

**Step 4**

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

Diagram

Description automatically generated

**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](https://www.warehousecables.com/store/products?keyword=*&category_id=238&page_id=93)

![A pair of hands holding a pair of scissors

Description automatically generated with low confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDiRXhpZgAATU0AKgAAAAgABAE7AAIAAAAIAAAISodpAAQAAAABAAAIUpydAAEAAAAQAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAE1pY2hhZWwAAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzMyAACSkgACAAAAAzMyAADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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**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.

**Alternate for "load bar" Type Connectors**

**A.**

Note that the loadbar has slots on one side with a flanged edge on one end.  
The sloted side should face the pins inside the connector.  
The wires are inserted into the flanged end.

A picture containing text

Description automatically generated

**B.**

Hold the grouped (and sorted) wires together tightly, between the thumb, and forefinger.  
Cut all of the wires at a sharp angle from the cable.  
Use a sharp cutting tool so as not to "squash" the wire ends.



**C.**

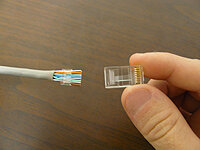
Hold the load bar so the staggered holes face toward the cable.  
Insert the wires through the load bar, one at a time, carefully observing the orientation.  
Slide the load bar as far down as possible.

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**D.**

Cut off the excess wire ends with a straight cut about 0.25" past the load bar.  
With the connector pins facing up, slide the load bar assembly into the connector.  
Insure that the wires are firmly seated to the end of the connector.  
The brown pair wires should be on the right side.



**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.  
There should be enough of the cable jacket inside the connector to crimp against.

**Tip:** Slide the load bar forward as necessary to provide the ideal placement.

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confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDiRXhpZgAATU0AKgAAAAgABAE7AAIAAAAIAAAISodpAAQAAAABAAAIUpydAAEAAAAQAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAE1pY2hhZWwAAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzExAACSkgACAAAAAzExAADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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**Step 8**

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

See [Crimping Tools](https://www.warehousecables.com/crimp-tool)

A picture containing floor

Description automatically generated

**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](https://www.warehousecables.com/cable-tester)

A picture containing text, indoor, cellphone, wood

Description automatically generated

**Step 11**

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

[[1]](#footnote-1)

1. *How to Make a Cat6 Patch Ethernet Cable | Warehouse Cables*. (2021). Warehousecables.com. https://www.warehousecables.com/how-to-make-a-cat6-patch-cable [↑](#footnote-ref-1)