

## Cat5e RJ45 Modular Plug Connector - 50 Pkg

### Product Diagram (CRJ4550PK)



Connector	Function
1 Pins x 8	<ul style="list-style-type: none"> <li>Used to connect the eight wires within the Ethernet cable to the <b>Modular Connector</b>.</li> </ul>

### Requirements

- Unshielded Twisted Pair Patch Cable (UTC) x 1
- Modular Connectors x 2
- Crimping Tool x 1
- Cable Tester x 1
- Wire Cutter x 1

### Installation

**Notes:** Wire Cutter's are very sharp and should be used with extreme care.

Wiring should be completed by a certified professional as per the local safety and building code guidelines.

1. Carefully using a **Wire Cutter** strip the jacket off of the **UTC Cable**, 1.5" from the end of the cable exposing the four pairs of twisted wires.
2. Spread the four pairs of twisted wires apart.
 

**Note:** CAT5e cables have a pull sting that will need to be removed.  
CAT6 Cables have a spine that will need to be removed.
3. Untwist the four pairs of wires, creating eight separate wires.

4. Arrange the eight wires using either the T568A or T568B pattern. See [Wire Orientation](#) for more information.
5. Using the **Wire Cutters**, cut the eight wires 0.5" from the end of the wires, leaving a clean straight cut at the end of the wires.
6. Carefully insert the wires in the **Modular Connector**. Ensure that each of the wires passes through the guides that are inside of the **Modular Connector**.
7. Push the **Modular Connector** into the slot in the **Crimping Tool** and squeeze down on the handle to secure the wires in the **Modular Connector**.
8. Repeat steps 1 - 7 on the other end of the **UTC Cable**.
9. Using the **Cable Tester** on both ends of the **UTC Cable** to test each of the pins in the **Modular Connector**.

### Wire Orientation

#### T568A Standard:

**Note:** Start from the left of the **Modular Connector** and work towards the right (Pin 1 - 8).

Pin	Wire
Pin 1	• White/Green
Pin 2	• Green
Pin 3	• White/Orange
Pin 4	• Blue
Pin 5	• White/Blue
Pin 6	• Orange
Pin 7	• White/Brown
Pin 8	• Brown

## T568B Standard:

**Note:** T568B Standard is the mostly commonly used method for Ethernet cables.

Pin	Wire
Pin 1	• White/Orange
Pin 2	• Orange
Pin 3	• White/Green
Pin 4	• Blue
Pin 5	• White/Blue
Pin 6	• Green
Pin 7	• White/Brown
Pin 8	• Brown

### Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

This manual may make reference to trademarks, registered trademarks, and other protected names and/or symbols of third-party companies not related in any way to StarTech.com. Where they occur these references are for illustrative purposes only and do not represent an endorsement of a product or service by StarTech.com, or an endorsement of the product(s) to which this manual applies by the third-party company in question. StarTech.com hereby acknowledges that all trademarks, registered trademarks, service marks, and other protected names and/or symbols contained in this manual and related documents are the property of their respective holders.

### Warranty Information

This product is backed by a lifetime warranty.

For further information on product warranty terms and conditions, please refer to [www.startech.com/warranty](http://www.startech.com/warranty).

### Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

<b>StarTech.com Ltd.</b> 45 Artisans Cres London, Ontario N5V 5E9 Canada	<b>StarTech.com LLP</b> 2500 Creekside Parkwy Lockbourne, Ohio 43137 U.S.A.	<b>StarTech.com Ltd.</b> Unit B, Pinnacle 15 Gowerton Rd, Brackmills Northampton NN4 7BW United Kingdom	FR: fr.startech.com DE: de.startech.com ES: es.startech.com NL: nl.startech.com IT: it.startech.com JP: jp.startech.com
--	--	---	--