

Giao Dinh

Hand on #2:

1. Why is stranded rather than solid cable used for patch cables?
2. Why is it critical not to score the jacket too deeply when stripping the cable?
3. Why is it recommended to expose more than .5 inches of the wire pairs?
4. Why is it critical to use the proper pin colors in order?
5. Why is it critical to cut the wire pairs off .5 inches or less before inserting into the connector?
6. Why is it critical to make sure that all of the wires are pushed to the end of the connector?
7. Why is it recommended to double check the wire order and make sure the wires are to the end before crimping?
8. How is a continuity tester different from a certification tester?

- Stranded cables are more compact and can be installed more quickly. Solid cables become inflexible in design, making them unsuitable for installation. When compared to solid connections, amplification is definitely high.
- It will not function unless the innermost layer, including its wire, is broken as we attempt to connect the cable. As a result, when stripping cables through the walls, it is critical not to rank the jack too deeply.
- Because the cable is exposed more than 0.5 inches, it would help to untwist the cable quicker and always make sure the connection is appropriate for the most widely encountered RJ45 connection.
- To make sure the cable operates properly, we have to make sure to keep the pin colors in order. If it is in the wrong orders, the cable will not work.
- It critical to cut the wire pairs off .5 inches or less before inserting into the connector because the gap within the connector is narrower and the wire will not be properly attached if the cable is broken further. As a result, the cable does not run properly.
- It is critical that the wires be driven to the end of the connector because the connector will work if the wires aren't moved.
- Before crimping the wire with the connector, carefully examine the connection sequence to ensure that the wires are in the color order and at place at the end because it is hard to verify the sequence until the wire are joined to the connector. If the wire is not put in properly, the wire will not function properly. Therefore, we need to redo all the step again.
- The continuity tester is different from a certification tester because a certification tester has been used to determine the hardness between two stages, and the continuity tester is used to test the connection efficiency.