

Date \_\_\_\_\_

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3. Practically implement the cross-wired cable and straight wired cable using crimping tool.

Aim: To practically implement the cross-wired cable and straight through cable using crimping tool.

Components: RJ-45 connector, crimping tool, Twisted pair cable (CAT 6)

Procedure: Crimping an Ethernet cable is process of attaching connectors onto the end of ethernet cables. This process is also called 'RJ45 crimping' because RJ45 is the name of the connectors that are used for ethernet cables.

Steps for making a straight wired cable

Step (1) - Strip the cable

Step (2) - Organise the wires

(a) - Untwist the wires

(b) - Straighten out wires

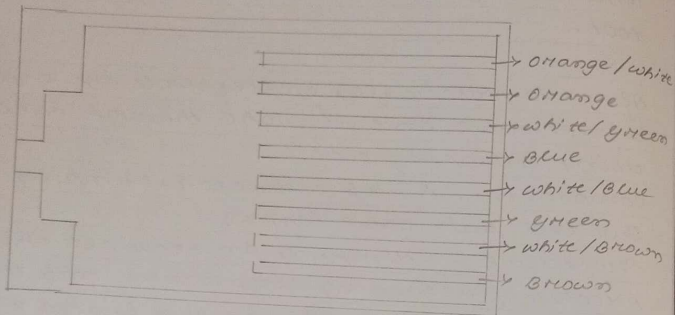
(c) - Layout wires in order of the color code for straight cable. (White/Green, Green, White/Orange, Blue, White/Blue, Orange, White/Brown, Brown)

(d) - Trim the wires.

Step (3) - Slide wires into RJ45 connector

Step (4) - Crimp it using the tool

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Steps for making a cross wired cable

Step(1) - Strip the cable

Step(2) - Organize the wires

(a) - Untwist the wires

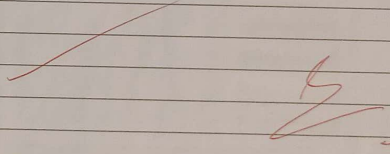
(b) - Straighten out wires

(c) - Layout wires in order of the color code for straight cable. (white/orange, orange, white/green, blue, white/blue, green, white/brown, brown)

(d) - Trim the wires.

Step(3) - Slide wires into RJ45 connection

Step(4) - Crimp it using the tool.



Teacher's Signature \_\_\_\_\_