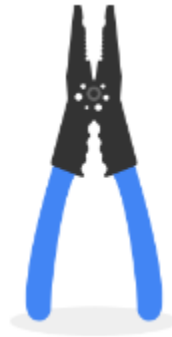


Tools used in Networking

1. Crimper:

A crimper is a hand-held tool that looks like a set of pliers. It is used to squeeze down or cramp wires.



Recording

2025-01-04 231634.r

This recording will show you the real usage of the Crimper Tool. Or you can go to this link to watch the usage of this tool:

<https://www.youtube.com/watch?v=SF-QLi9DCA>

2. Cable Stripper:

It is another tool that is used to remove rubber coating layer from cables.



That outer layer of ethernet wires, we can remove this from this tool. But that earlier crimpers middle part can also be used to remove it. Video can be found in this link:

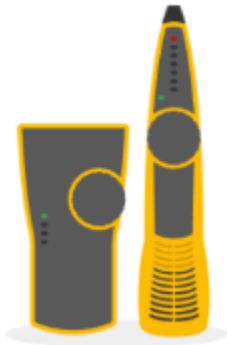
<https://www.youtube.com/watch?v=WpR2GCF6TVQ>

3. Wifi-Analyzer:



A WiFi analyzer is a scanner that analyzes the power and quality of the WiFi in an area. It also collects data about the WiFi and its circumstances.

4. Toner Probe:



A toner probe is a part of a set of devices that are used for finding ethernet and other internet connectors. One device plugs into a cable, while the other device, the tone probe, uses a tone which gets louder as it gets closer to the device plugged into the cable. (Meyers, 2022).

Video can be found here: <https://www.youtube.com/watch?v=9QWptykQLm8>

This device basically verifies, if the wire is damaged or not.

5. Punch Down Tool:



A Punch Down Tool or Krone Tool is used for punching down wires into punch down panels or jacks. First the protective covering is taken off the wires, then the wires are punched into place.

Video can be found here: <https://www.youtube.com/watch?v=p2p8FKmNDi4>

6. Cable Tester:



A cable tester digitally measures integrity of the cable for compliance with developed cabling standards. They measure several parameters:

- Attenuation
- Impedance
- Noise
- Near-End Crosstalk
- Attenuation to Crosstalk Ratio (ACR)
- PowerSum NEXT (Network Encyclopedia, 2022).

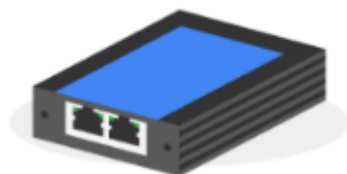
Video can be found here: <https://www.youtube.com/watch?v=6uqt1x1slRg>

7. Loopback Plug:



A loopback plug is a device that tests ports. Wires are connected in a loop that sends traffic back to the port after it receives it. Video can be found here: <https://www.youtube.com/watch?v=JOc94AXVZdA>

8. Network Tap:



A network tap is a device that copies traffic information for use in monitoring devices. It is an external device.