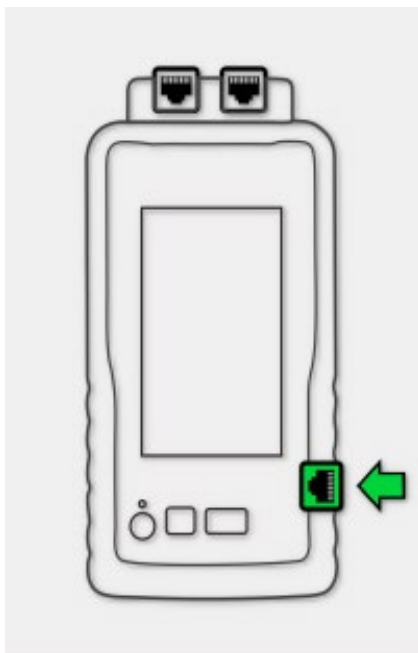




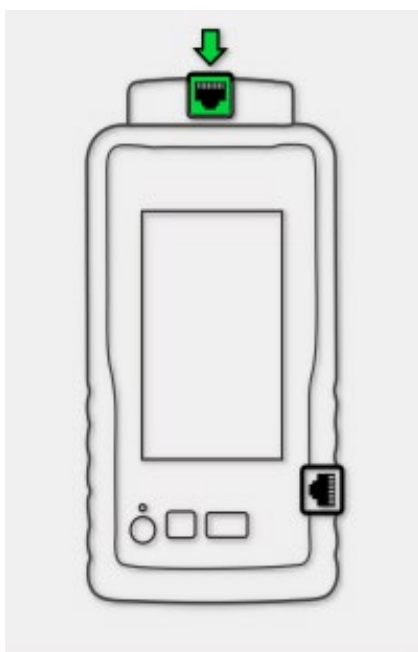
Which Ethernet Connector Do I Use On My TestPro?

Your TestPro is a powerful and versatile test instrument which can capable of basic cable tests, full cable certification, 100M/1G Ethernet tests, 2/5/5/10G Ethernet tests, and Power over Ethernet (PoE) tests. This article describes which connectors are used for which tests.

The Side Port is used for the following:

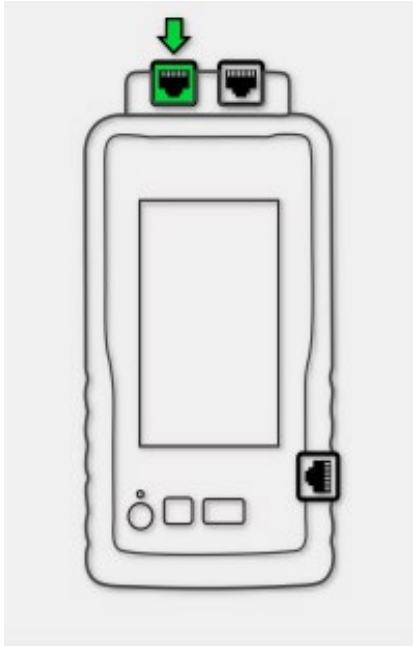


1. Testing a channel up to 1GBase-T to see what level of Ethernet speeds it can support and with how much headroom
2. Testing an Ethernet switch up to 1GBase-T from a remote location to see the maximum speed supported by both the switch and the link
3. IEEE 802.3 BASE-T tests at 100Mbps and 1Gbps
4. May be used for Network Test functions such as Switch Port Blink, discovery of connected devices on the network, switch detail, VLAN information, ping, traceroute. (AD-NET-CABLE adapter is preferred for Switch Detail)
5. Upload tests to TestDataPro Cloud when connected to a network with internet access.

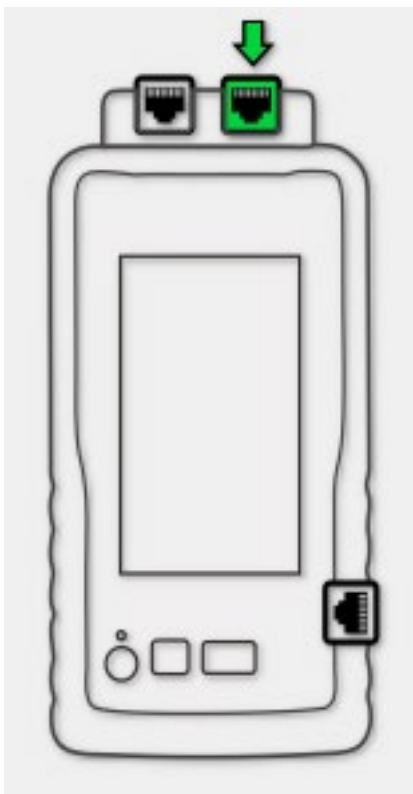


The Top Port on the CAT 6A/Class E_A Channel adapter is used certifying UTP and shielded twisted pair channels.

The Permanent Link adapter which has a cable integrated into the connector housing (not shown) is used for Permanent Link tests.



The top left port (as seen facing the unit with an installed AD-NET-CABLE adapter, also labeled CAT 6A/CLASS E_A CHANNEL) is used for certifying UTP and shielded twisted pair channels, assuming you have a software license for the AD NET-CABLE adapter. In that sense this port is identical to the dedicated CHANNEL ADAPTER discussed above.



The top right port (as seen facing the unit with an installed AD-NET-CABLE adapter, also labeled 2.5G/5G/10G {PoE}) is used for:

1. Testing a channel up to 10GBase-T to see what level of Ethernet speeds it can support and with how much headroom
2. Testing an Ethernet switch up to 10GBase-T from a remote location to see the maximum speed supported by both the switch and the link
3. Testing a PoE link to ensure PoE functionality and negotiation is working
4. Testing a PoE link to determine how much power can be supplied under load.
5. Network Test functions such as discovery of connected devices on the network, switch detail, VLAN information, ping, traceroute.
6. Upload tests to TestDataPro Cloud when connected to a network with internet access.