

The EUT is an ADSL modem and wireless hub. It connects to the telephone network over a normal telephone line. It connects to the computer equipment through a wireless link. It uses Asynchronous Digital Subscriber Line (ADSL) technology to achieve high data rates over normal twisted pair telephone cable.

The wireless link incorporates two diversity monopole antennas with the ground planes of the Printed Circuit Board acting as the grounding for the antenna.

It is a desktop modem having a plastic case. It is powered by a modular power supply that plugs into a 120 vac wall socket and is supported by the wall socket.

The modem communicates with up to 64 computers or computer equipment over a wireless link. It acts as a hub to provide wireless connectivity between all the computer equipment and to remote networks or internet providers over the telephone line. I/O cables are: For the telco side it has an RJ11 telephone connector and a cord to plug into a wall type telephone socket. At the computer equipment side, it has one RJ45 connector for an Ethernet 10 MHz 10BaseT two pair cable. These allow connection to one computer and is used mainly for setting up the modem features and properties.