Types of ETHERNET Cable

- **10Base 5** - The first standard defined in IEEE 802.3 is 10 Base 5. It is a Thick Ethernet or Thicknet. It is a bus topology LAN with baseband signaling. The data speed is 10 Mbps

- **10 Base 2** - The second implementation-defined by IEEE 802.3 is 10 Base 2, also called Thin Ethernet, and cheaper net etc. It supports an inexpensive alternative to 10 Base 5 Ethernet with the same data rate, i.e., 10 Mbps.

- **10 Base T** - The 10 Base T is the most popular Ethernet standard defined in IEEE 802.3. It is also called Twisted Pair Ethernet. Data speed 10mbps

- **100 Base T-** The 100 Base T Ethernet is the fifth, and last baseband specification initially added to IEEE802.3 standards. It is also known as Fast Ethernet. It operates at a data speed of 100 Mbps and uses twisted-pair cables (UTP) and a central hub or switch.

- **Gigabit Ethernet** - The gigabit Ethernet has a data rate of 1000 Mbps or 1 Gbps. The MAC layer access methods in it remained unchanged, and the collision domain was reduced. It uses optical fibres. The encoding method also changed in them. The 1000 Base SX and 1000 Base LX use optical fibers, while 1000 Base CX uses STP and 1000 Base T uses UTP.