EXPERIMENT – 2

AIM: - Study of different types of Network cables.

a) Understand different types of network cable.
Different type of cables used in networking are:
1. Unshielded Twisted Pair (UTP) Cable
2. Shielded Twisted Pair (STP) Cable
3. Coaxial Cable
4. Fibre Optic Cable

OUTPUT: -

b) Make Your Own Ethernet Cross-Over Cable/ Straight cable
Tools and parts needed:
- Ethernet cabling. CAT5e is certified for gigabit support, but CAT5 cabling works as well, just over shorter distances.
- A crimping tool. This is an all-in-one networking tool shaped to push down the pins in the plug and strip and cut the shielding off the cables.
- Two RJ45 plugs.
- Optional two plug shields.

OUTPUT: -

RESULT: -
Different types of Network cables have been studied successfully and verified.