

Compare satellite and cable medium for transmission.

- Delay given by satellite during its transmission is 3 micro seconds per km.
- Delay given by cable wire is 5 micro seconds per km.
- Satellite is broadcast media placed in the geo stationary orbit around the earth.
- Satellite is used in wireless communication system and cable is used in wired communication.
- On security grounds cable is better than a satellite.

Explain Store and forward Network.

- Store and forward method is used in message switching. Example: SMS
- The data sent by the sender is first stored at the server.
- Data is later forwarded from the server to the receiver.
- It may use time division multiple access for transmission i.e. the whole bandwidth is given to single user for smalltime slots.
- No physical path is required for transmission of data from sender to the receiver.