

Transmission Errors?

In Communication Networks External electromagnetic signals can cause incorrect delivery of data. By this, data in the communication Networks can be received incorrectly, data can be lost or unwanted Communication Networks data can be generated. Any of these problems are called transmission errors *in communication networks*.

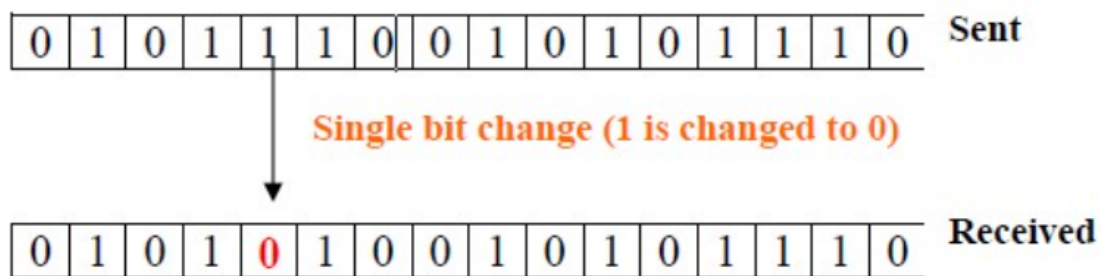
Types of errors

These errors can be divided into two types :

1. Single-bit error
2. Burst error.

Single-bit Error

The term single-bit error means that only one bit of given data unit (such as a byte, character, or data unit) is changed from 1 to 0 or from 0 to 1



Burst error: In the burst error, one or more than one bits is changed in the frame. For example, the sender sends the data (01010100) in the frame, and the receiver receives the data (11010100) in the frame.

