

## Ethernet Cables



These are referred to as **Twisted Pair** cables.

They come in two forms:

- Unshielded Twisted Pair (UTP)
- Shielded Twisted Pair (STP)

They consist of **four** pairs of color-coded wires twisted around each other.

The wires are twisted to prevent electromagnetic interference (crosstalk).

STP has the same number of wires as UTP.

The main difference been a foil shield that covers the wires to further protect against crosstalk.

- UTP is mainly used in home networks
- STP is mainly used in industrial networks

