

Distinguish, differentiate, compare and explain what is the difference between Shielded Twisted Pair and Un-shielded Twisted Pair (STP Vs UTP). Comparison and Differences.

Differences between Shielded Twisted Pair and Un-shielded Twisted Pair (STP Vs UTP)

S.No.	Shielded Twisted Pair (STP)	Un-shielded Twisted Pair (UTP)
1	STP has a metal foil covering.	UTP does not have a metal foil Covering.
2	STP gives better resistance to electromagnetic interference as compared to UTP.	UTP does not provide better resistance to electromagnetic interference as compared to STP.
3	STP is little expensive then UTP.	UTP is less expensive than STP.
4	Grounding is possible.	Grounding is not possible.
5	Possibility of crosstalk is less as it resist to EMI.	Possibility of crosstalk is more as it provide less resistance to EMI.
6	Distance travelled is large and can be used in MAN.	Distance travelled is less and used in LAN.