



Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE

100%

The Physical Layer

TOTAL POINTS 2

1. What is the type of modulation used by twisted pair cable computer networks known as?

1 / 1 point

- ☐ Line crimping
- ☐ Simplex communication
- ☒ Line coding
- ☐ RJ45



Correct

You nailed it! Line coding is the modulation of an electrical charge so that each side of a connection knows what is a one and what is a zero.

2. What's the difference between full and half duplex?

1 / 1 point

- ☐ Full duplex is slower than half duplex.
- ☒ Full duplex allows communications in two directions at the same time; half duplex means that only one side can communicate at a time.
- ☐ Full duplex is a form of simplex communications.
- ☐ Half duplex occurs when hubs are in use; full duplex occurs when switches are in use.



Correct

Nice job! A half duplex connection allows communication in both directions, but only one side can communicate at a time.