

Why is the inside of a wire made from copper?

The inside of a wire is made from copper because it is a conductor, which means it allows electricity to flow through it.

Why is a plug made out of plastic?

A plug is made out of plastic because it is an insulator, which means that It does not allow electricity to flow through it so we can touch it.

What is the best metal conductor? Why don't we use it in wires?

Silver is the best metal conductor but it is too expensive to use everywhere.

Give an example of a non-metal conductor.

Graphite is an example of a non-metal conductor.

What is a semi-conductor?

A semi-conductor can act as a conductor or an insulator depending of the temperature.