

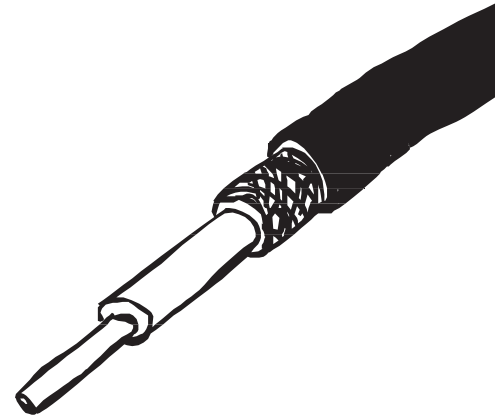
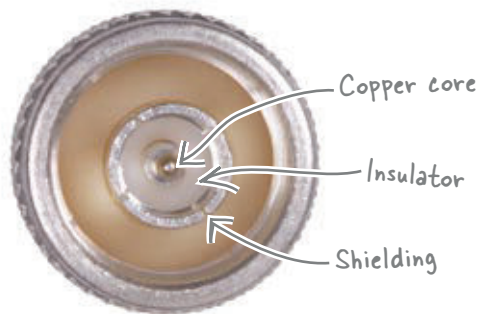
Introducing the coaxial cable

The Coconut Airways network in the basement runs on coaxial cables rather than CAT-5. So what's the difference?

Just like CAT-5 cables, coaxial cables are used to create networks. There are two key differences between them.

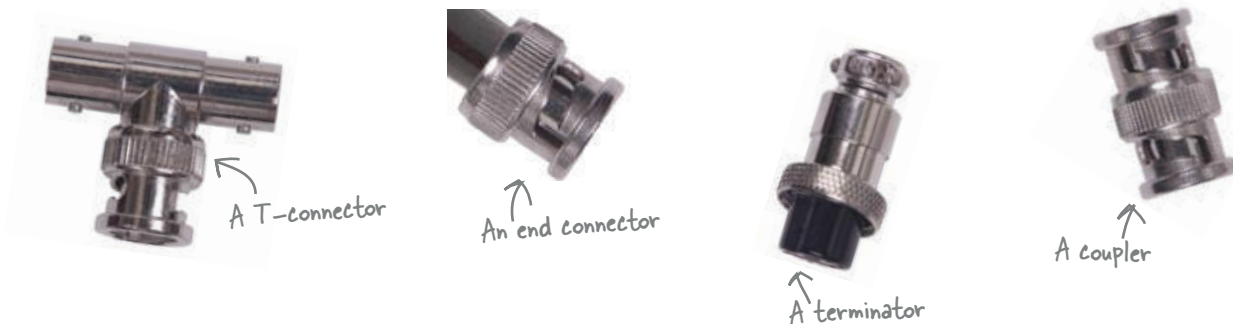
- 1 The cable contains one big copper wire rather than four twisted pairs.**

A coaxial cable has a jacket on the outside, just like a CAT-5 cable. Inside the cable, however, there's just the one wire. It has a copper core or conductor, with a layer of insulation made of plastic and other materials.



- 2 The cables use different sorts of connectors and terminators.**

CAT-5 cables use RJ-45 connectors. Coaxial cables, on the other hand, use BNC connectors, T-connectors, and terminators. The sort of connector you use depends on why you need it.



Now we've looked at the cables, what about the network?