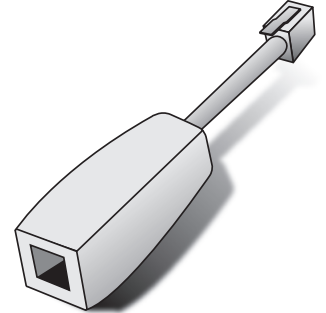


DSL Filters

DSL service is sent through the main phone line so the end-user only has to connect the DSL modem to any existing wall jack. However, the signal will be feeding to all jacks, creating possible bleed-over noise on telephone, answering machine and fax machine lines. Filters are required for these lines to block any interference that might be created by the DSL service. A DSL filter is a small in-line device installed between analogue devices (such as telephones) and a telephone line in order to prevent interference between such devices and a DSL service operating on the same line.



Without DSL filters, signals or echoes from analogue devices at the top of their frequency range can result in reduced performance and connection problems with DSL service, while those from the DSL service at the bottom of its range can result in line noise and other issues for analogue devices.

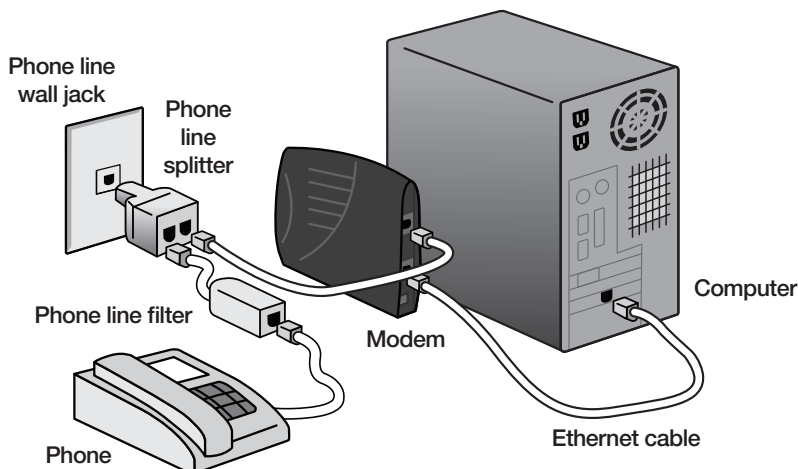
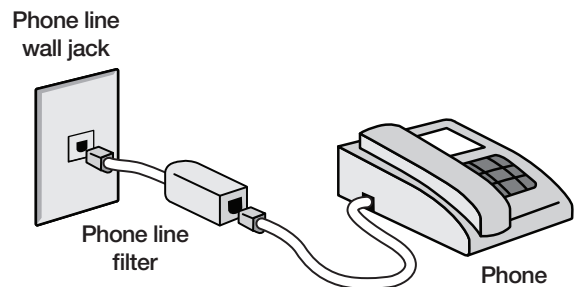
Which phone cords require DSL line filters?

- Any cord that does not connect to your DSL modem should have a filter on it. This includes:
 - Telephones
 - Fax machines
 - Answering machines
 - Security alarms
- **Do not** place a DSL filter on the phone cord that connects from the wall outlet to the back of your DSL modem! If you put a filter on this line, your DSL will not work because the filter strips out the DSL signal your modem needs to connect to the internet.

How to install a line filter

It's as easy as installing an ordinary telephone:

1. Unplug the regular phone cord from the wall jack.
2. Plug the DSL filter into this jack.
3. Now plug the phone cord into the DSL filter.



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