



Hubbell Premise Wiring

Hubbell Home

A home-owner's guide to ultra-fast broadband & home networking



Telephone



Printer



Modem



Computer



TV



Laptop



Hubbell Premise Wiring

An Investment:

A home network adds to the re-sale value of your home, it's an investment for your future.

Building or Renovating?

Then now is the perfect time to be thinking about home technology. Fibre optic connections will be available to 75% of New Zealand homes within 10 years, bringing with it ultra-fast broadband (UFB) access to downloadable movies, TV on demand and video calling.



Home Theatre/ Entertainment:

You no longer need to leave the house if you want to watch a HD movie or TV show? This can all be done by the 'click of a button' on your home media player such as an AppleTV™.






Bedroom:

Change the channel on your centrally located Sky/Freeview Box or see who is at the front door with your Network Camera.





Ultra-Fast Broadband is coming

Ultra-Fast Broadband will be available to 75% of New Zealand homes within the next 10 years, bringing with it access to downloadable movies, TV on Demand, video calling and much more.

To take advantage of these technologies you need the correct product in your home.

Getting it in your home

Building or renovating is the best time to prepare your home for ultra-fast broadband (UFB), it's also the most cost effective time to do it as well.

You will need to discuss the following items with your builder or electrician during the building and planning process to ensure you get the correct materials in your home.

- **Home Cabling** – this is vital, without the correct specified cable in your home you won't be able to transfer data quickly and easily between rooms. The cable is installed in the walls before the plasterboard goes on, so it's much more cost effective to do it at the early stage of building or renovating.
- **Star Wiring** – the traditional kiwi home has phone, TV and internet going to fixed points in

the building. Star Wiring brings all data and TV cabling to one central unit (the Hubbell Home Board), making it easier and more flexible to introduce new technologies to your home over time. It is also a cosmetic option, often the Star Wire Unit (Hubbell Home Board) goes in the garage or utility room, so it's out of sight and out of mind. It can also be painted to match your colour scheme.

The Hubbell Home Board and cabled networking solution is the best way to get data and UFB in your home. It allows your home to change as your family's needs change, what was once a spare room





Your Home Network:

A home network allows all the stand-alone devices in your home to work together. Cat5e cabling or better offers the bandwidth for this to function effectively and efficiently. Something WiFi alone can't match.



Future Proof Building:

Running all your network cable back to one location gives you the flexibility to change the function of your rooms. So all technologies can be available in every room.



Home Office:

Whether it be Video Conferencing (Skype®) to the other side of the world, or as local as a network printer or scanner on the other side of the room, your office can now run at high speed and at high efficiency.



Family room:

Let the kids complete their school project online and keep an eye on them surfing the internet on your laptop or portable device; Wi-Fi in your home network solution allows internet access in every room.



may become the nursery, then later it may become a thriving home office. The Hubbell Networking Solution allows you to easily change and adapt your rooms.

Getting it right

Your home is likely to be the biggest investment you ever make. By building with technology in mind you will create a leading edge, adaptable and functional home for your family now and in the future, as well as adding more value in if you do come to sell.

The Hubbell Home Board and network solution is an affordable technology, and it can make a huge

difference in a home, bringing technologies that will improve your family's lifestyle. You wouldn't dream of not putting insulation in your home, don't make the mistake with your telephone, internet and TV cabling.

Why not just Wi-Fi?

Wi-Fi in today's home is important, but it can't supply the bandwidth or total coverage of cable. The best solution is a cabled network complemented by a Wi-fi router.

Wi-fi alone has drawbacks:

- If the modem is in one area of the house the signal can be weak the further away from the modem and affect internet speed and access.
- Wi-fi doesn't let you download as much information or as quick as a cabled solution.
- Security issues if not password protected

For more information on Hubbell Home Networking or to talk with someone about the best solution for your home call: 0800 328 278, or visit www.hubbell.co.nz



Typical Installation Schematic

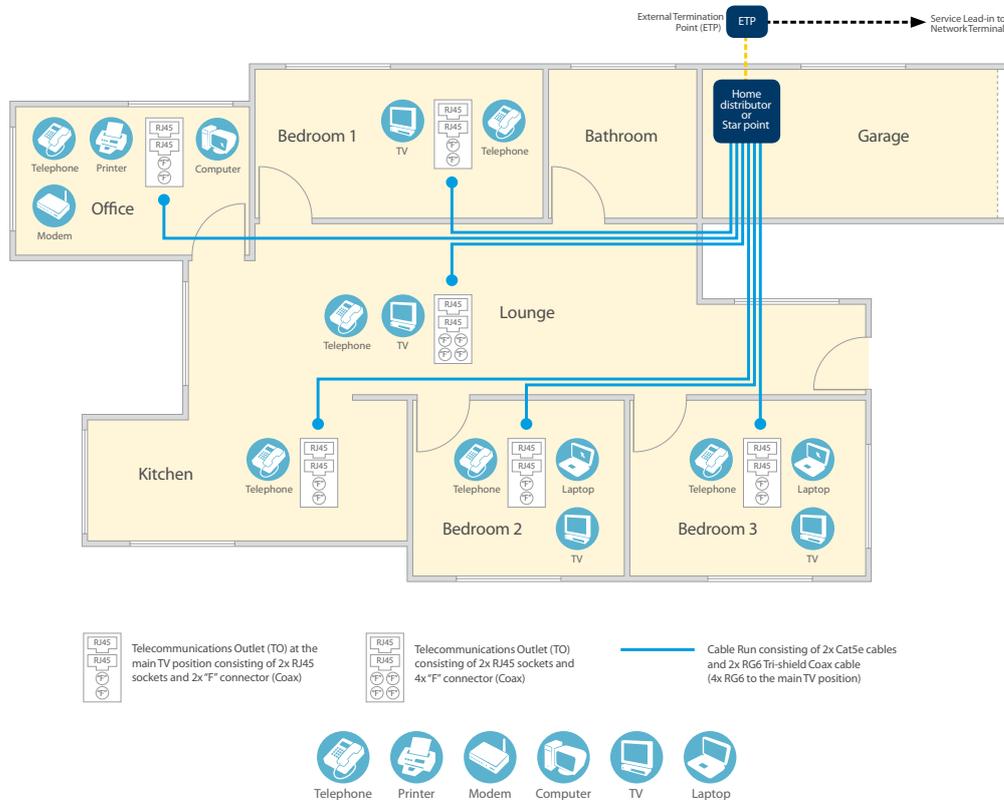


Diagram and icons courtesy of the Telecommunication Carriers Forum, for further information visit: www.tcf.org.nz/premwiring



Future Proofing

Running all your network cable back to one location gives you the flexibility to change the function of your rooms. All services can be available in every room, and modular system makes your home technology easily updated.

Future Proof Building

Hubbell Home Solutions are used in Future Proof Building (FPB) showhomes. To find a showhome near you, please visit the website: www.fpb.co.nz

Availability

J. A. Russell Ltd is the sole distributor of Hubbell Home Solutions in NZ. Hubbell Home Solutions are available through any J. A. Russell Ltd, Stewarts or Radcliffe Electrical branches. For further information please contact the Data & Communication office on Freephone: 0800 DATA SUPPORT (328 278), or visit www.hubbell.co.nz

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