

The National Broadband Network (NBN) is an upgrade to our existing telecommunications network, providing the infrastructure for affordable high-speed internet and phone access for all Australian premises.

As part of the NBN rollout, NBN Co will be installing equipment in local streets, similar to that used by telephone and power companies. Most of the equipment will be underground in pits or up high on existing power poles. Cabinets called Fibre Distribution Hubs (FDHs) will be the main elements of the network visible in your local neighbourhood.

What are Fibre Distribution Hubs?

These cabinets are hubs that each connect around 200-300 homes or businesses to the National Broadband Network. The distribution and local fibre optic cables enter the cabinet from underground so that end users can be plugged into the network via a patch panel. FDH cabinets are passive equipment; which means they don't require any power and don't emit any noise. They can even operate under water if unforeseen flooding occurs.

What do the cabinets look like?

The cabinets are 103cm high, up to 109cm wide and 50.5cm deep and stand on a concrete pad. The hubs may have either one or two doors and the standard colour is beige with a graffiti resistant coating.



Where will the cabinets be located?

FDHs are required for every 200-300 premises, so they will be a common feature in many neighbourhoods. If required to be located adjacent to private properties, cabinets are generally placed on the boundary line between properties and on the nature strip.

How does NBN Co choose cabinet locations?

When selecting locations for the cabinets, we consider many factors including:

- Distance from existing telecommunication infrastructure such as maintenance pits or manholes
- Safety considerations such as maintaining sight lines for drivers, away from streets with high speeds and safety for operations and maintenance workers
- Access requirements for residents or premises users
- Local government requirements
- Environmental conditions including the presence of trees or other vegetation.

While care is taken in the selection of cabinet locations using the criteria described above, NBN Co is authorised to site cabinets as required under the Telecommunications Act 1997.

If there is a significant issue with the location of a cabinet, please call NBN Co on **1800 687 626**.

For more information:

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