

# HELP PREPARE FOR PRE-INSTALLATION BY INSTALLING A LEAD-IN CONDUIT.

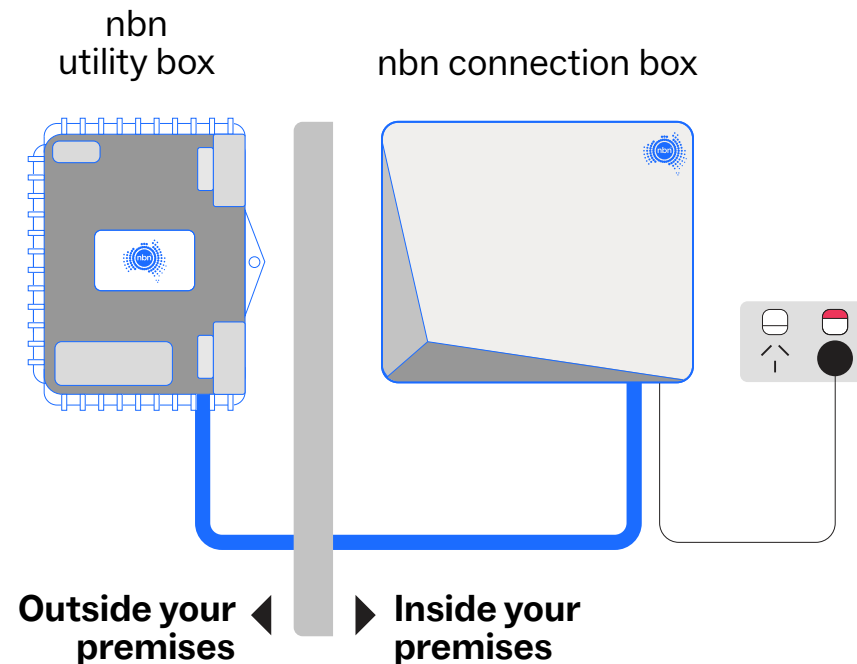


When it comes to installing an nbn full fibre connection, nbn offers a pre-installation service at no additional cost for eligible premises\*. This service includes, for homes that have been prepared correctly, extending nbn full fibre from the street and installing nbn equipment while the home is still under construction.

To ensure the property is prepared correctly, a lead-in conduit will need to be installed. Once installed, the pre-installation process will enable a resident to arrange their broadband connection before the move-in day, without the inconvenience and disruption of waiting for an nbn approved technician to visit#.

The nbn equipment to be installed during the pre-installation service on the day will include:

- The nbn utility box (also known as the Premises Connection Device or PCD) is installed on the outside of the premises.
- The nbn connection box (also known as the Network Termination Device or NTD) is installed on the inside of the premises.

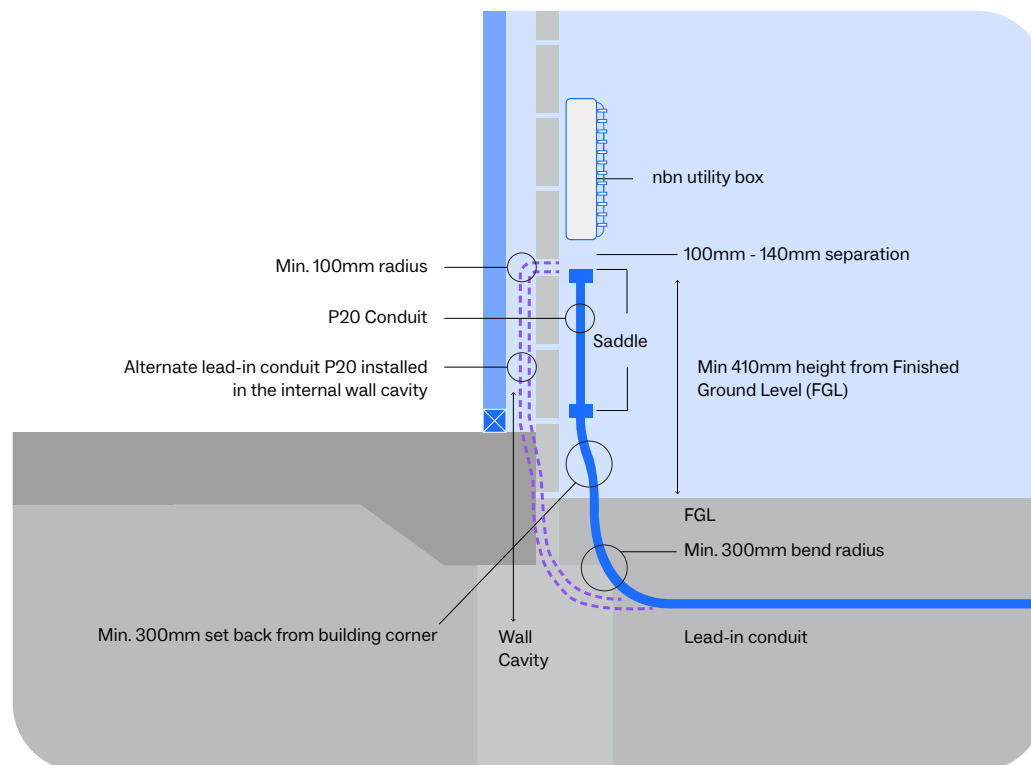
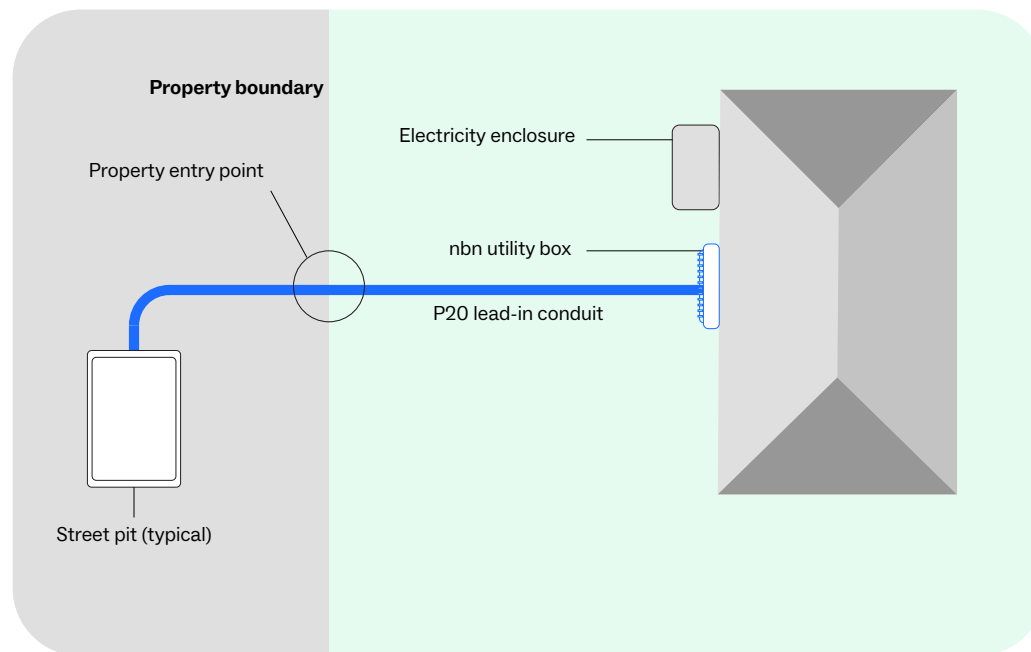


## Installing a lead-in conduit to help prepare for your pre-installation appointment.

Follow this step-by-step guide on how to prepare a property for a lead-in conduit installation for a Fibre to the Premises (FTTP) connection.

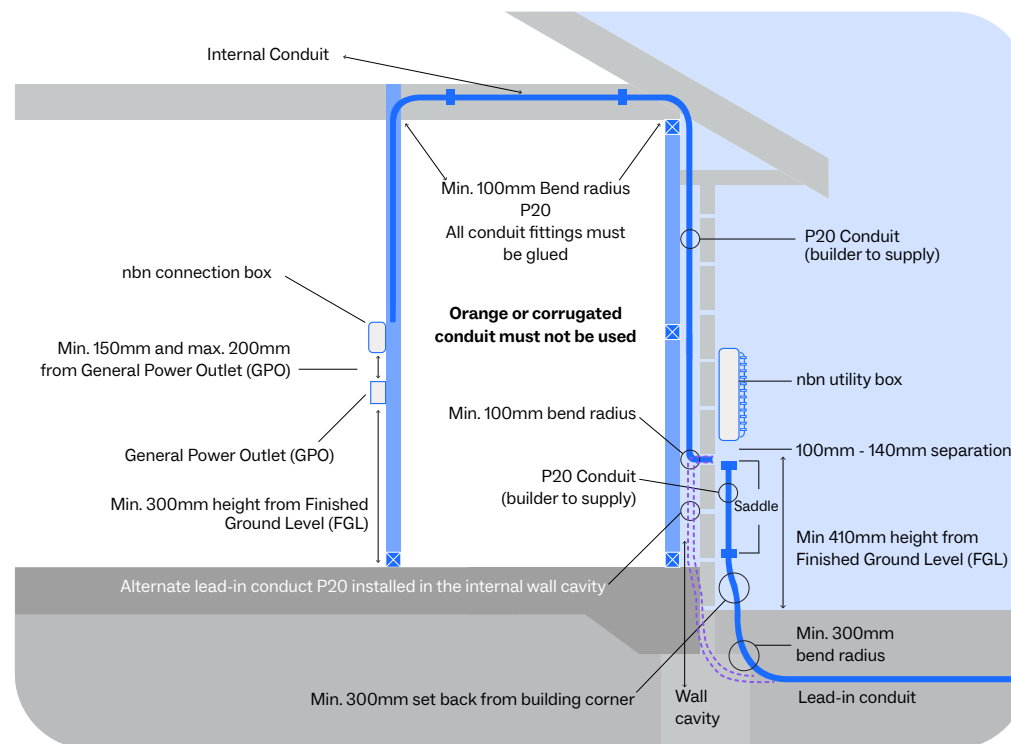
### External

1. Find the service drop conduit from the street pit. This is typically one metre inside the property boundary.
2. From the service drop, dig a trench towards the property's desired nbn utility box location.
3. Install rigid white P20 telecommunications conduit (23mm internal diameter) and connect it to the service drop conduit with solvent cement, as per the manufacturer's specifications.
4. The telecommunications conduit should maintain a 300mm distance from other utility services underground. Depending on the utility, there may be shorter distances. For more information, [click here](#) to read our standards.
5. From the top of the conduit to the finished surface, maintain a minimum depth of 300mm. If the conduit will be installed under a driveway, maintain a minimum depth of 450mm. Maximum conduit depth is 500mm.
6. Ensure the conduit runs as straight as possible. The maximum bend radius is 90°. Use no more than three 90° (max) bends between the service conduit and the desired nbn utility box location. The minimum bend radius underground should be 300mm. Glue all joints using solvent cement.
7. The conduit should terminate no less than 410mm from ground level and should maintain a minimum distance of 500mm from heating/cooling units and gas meters and 150mm from power sources, water pipes, taps or meters. For clearances on gas cylinders and bodies of water, refer to the Residential Preparation and Installation - Single Dwelling Units and Multi Dwelling Units standards.
8. Rod and rope the conduit with drawstring and secure at both ends with tape.



## Internal conduit

1. Install rigid white P20 telecommunications conduit from the desired nbn utility box location to the desired nbn connection box location.
2. Ensure the conduit runs as straight as possible and is fixed securely using conduit saddles.
3. The maximum bend radius is 90°. Use no more than three 90° (max) bends between the desired nbn utility box location and desired nbn connection box location. A minimum bend radius should be 100mm. Glue all joints using solvent cement. A 32mm access hole needs to be located 50mm below the end of the conduit, where the nbn connection box will be installed.
4. Rod and rope the conduit with drawstring and secure at both ends with tape.
5. Provide a double general power point within 200mm of the desired nbn connection box location.



For more detailed information on nbn's requirements you can refer to our standards by [clicking here](#).

You can request a pre-install either by working directly with your preferred nbn pre-installer or by requesting a pre-installation [here](#).

For more information on nbn pre-installation visit [nbngo.com.au/PreInstallRequest](https://nbngo.com.au/PreInstallRequest)

<sup>#</sup>nbn takes reasonable care and skill to ensure the end customer's ability to connect to the nbn network after pre-installation of the nbn connection box but cannot guarantee uninterrupted service or immediate connectivity in all situations. Further visits from an nbn certified technician may be required. The end customer should contact their provider for assistance with any connectivity issues and additional equipment that may be required. <sup>\*</sup>Conditions and eligibility criteria apply. Not all premises are eligible for pre-installation simply by submitting a pre-installation request. A premises is eligible for an nbn pre-installation when it is a house or a townhouse and is part of an nbn New Development stage. The address is eligible to be serviced by the nbn Fibre to the Premises (FTTP) network. The lead in conduit and internal conduit meets nbn specifications, as per this guide. If you aren't sure about a premises eligibility, check the address on the nbn Pre-installation form [here](#). Failure to comply with nbn's requirements may result in delays and/or nbn's inability to complete the nbn pre-installation.

### Disclaimer

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