



NETWORKS

Serving all electricity customers

# YOUR METER CABINET

Location, installation and specification

[esbnetworks.ie](http://esbnetworks.ie)



# LOCATION AND INSTALLATION OF METERING CABINET for Standard Non-scheme Domestic Connection

## LOCATION

- An outdoor meter cabinet must be provided for the ESB Networks (ESBN) electricity meter(s).
- The meter cabinet must be directly accessible from the main entrance driveway. A position on the house wall facing the driveway, or within 2m of either corner of this wall is normally acceptable subject to proper access.
- If any further queries remain in relation to the location of the cabinet, please discuss them with your local ESB Networks representative.

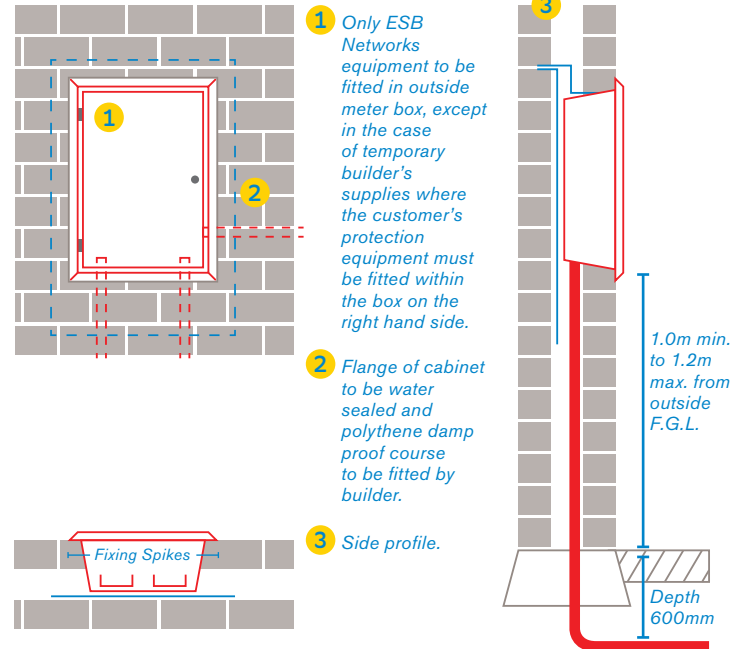


### PLEASE NOTE:

- **Unacceptable positions will not be connected (these include behind security walls/gates or in porches)**
- **Damaged cabinets will not be connected**
- **Meter cabinet must comply with ESB Networks specifications**

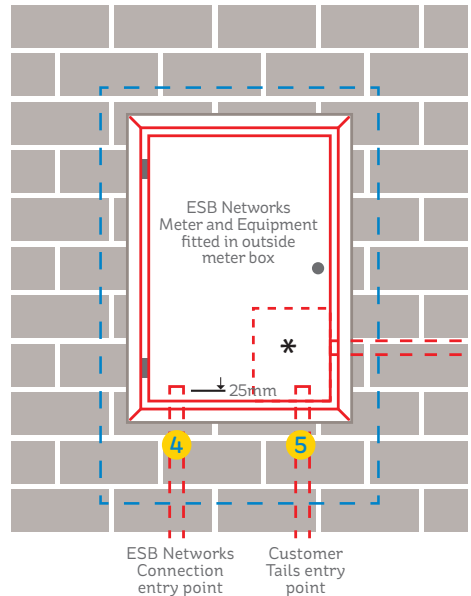
If you need a meter cabinet key to access your outdoor meter cabinet please call us at **1800 372 757 OR 021 2386555**

## INSTALLATION



- To comfortably accept the cabinet, builders should provide an opening of: 606mm (h) x 402(w) x 155 (d).
- Ensure that the door hangs so as to allow the latch to fall into a closed position.
- The installation of the meter cabinet and hockey stick duct into the wall and cavity must be in accordance with best building practices (i.e. CIF standards). The hockey stick duct must be brought up the cavity into the cabinet at foundation construction stage.
- If the house does not have any cavity walls, the duct must be embedded in the wall, either by building it into the wall or channelling the wall.

## CUSTOMER TAILS



- 4 Cable entry and exits must be through the bottom of the box, with the ESB Networks cables to the left and the customer tails to the right.
- 5 Customer tails may also enter through a drilled hole at the bottom right hand side of the box.

# SPECIFICATION FOR STANDARD NON-SCHEME DOMESTIC UNDERGROUND SERVICE

## to an outdoor Meter Cabinet from an Overhead Network

(Low-voltage service not exceeding 50m. from an Overhead Network)

### THE CUSTOMER MUST ENSURE THAT:

- The service pole and the complete run of the duct are both within the site boundary. ESNB's Engineering Office will confirm the service pole position and the ducting route on-site.
- An outdoor meter cabinet, to ESI Standard 12-3 (1986), is installed in a suitable location.
- An ESNB approved "hockey stick" is installed at the meter cabinet position.
- Red ESNB approved 50mm service ducting is installed at a minimum depth of 600mm between the hockey stick position and the service pole. Yellow ESB cable warning tape must be installed at a maximum depth of 300mm below ground level along

the full length of the duct.

- Corrugated Ducting of any colour is not permitted.
- The duct shall be as straight as possible and free of sharp bends.
- A continuous and strong 10mm polypropylene draw rope is installed in the duct. It must be free of knots and secured at both ends of the duct.

#### Notes:

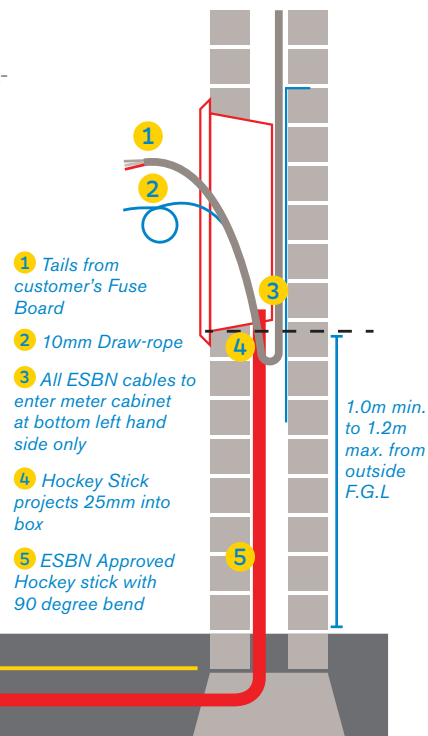
1. It is essential that the ESNB cable does not come into contact with the cavity insulation. Allow a projection of 25mm of the hockey stick into the base of the cabinet.
2. There must be a minimum clearance of 100mm between

the service duct and other services on the house-holder's property.

3. ESNB will provide black UV light-resistant ducting from below the finished ground level to the top of the service pole.
4. For poles more than 50m away from the cabinet, 125mm red ESNB approved ducting shall be used. An ESNB approved service vault shall be required at the junction of the duct and the hockey stick.
5. The entry point of the service hockey stick into the metering cabinet must be sealed to stop ingress of water.

**Connection will only be made after all above requirements are met.**

For full details refer to **The National Code of Practice for Customer Interface** at [www.esb.ie/esbnetworks/ncp](http://www.esb.ie/esbnetworks/ncp)



Duct end sealed with plastic wrapped adhesive tape

10mm Draw-rope

ESNB yellow warning tape at max. depth of 300mm below finished ground level (F.G.L.)

Red ESNB approved 50mm solid wall MDPE duct @600mm min. depth below finished ground level (F.G.L.)