YOUR METER CABINET

Location, installation and specification
esbnetworks.ie
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 ESBN 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 ESBN specifications.

If you need a meter cabinet key to access your outdoor meter cabinet please call us at 1850 372 757

INSTALLATION

- Only ESBN equipment to be fitted in outside meter box, except in the case of temporary builder’s supplies where the customer’s protection equipment must be fitted within the box on the right hand side.
- Flange of cabinet to be water sealed and polythene damp course to be fitted by builder.
- Side profile.

- 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

- Cable entry and exit must be through the bottom of the box, with the ESBN cable to the left and the customer tails to the right.
- Customer tails may also enter through a drilled hole at the bottom right hand side of the box.

- Cable entry and exit point
- Customer tails entry point
- ESBN networks connection point
- ESBN networks connection entry point
- ESB Networks Meter and Equipment fitted in outside meter box
- Fixing Spikes

- 1.0m min. to 1.2m max. from outside F.G.L.
- Depth 600mm
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. ESBN’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 ESBN approved “hockey stick” is installed at the meter cabinet position.
- Red ESBN 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 ESBN 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. ESBN 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 ESBN approved ducting shall be used. An ESBN 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/nctp.