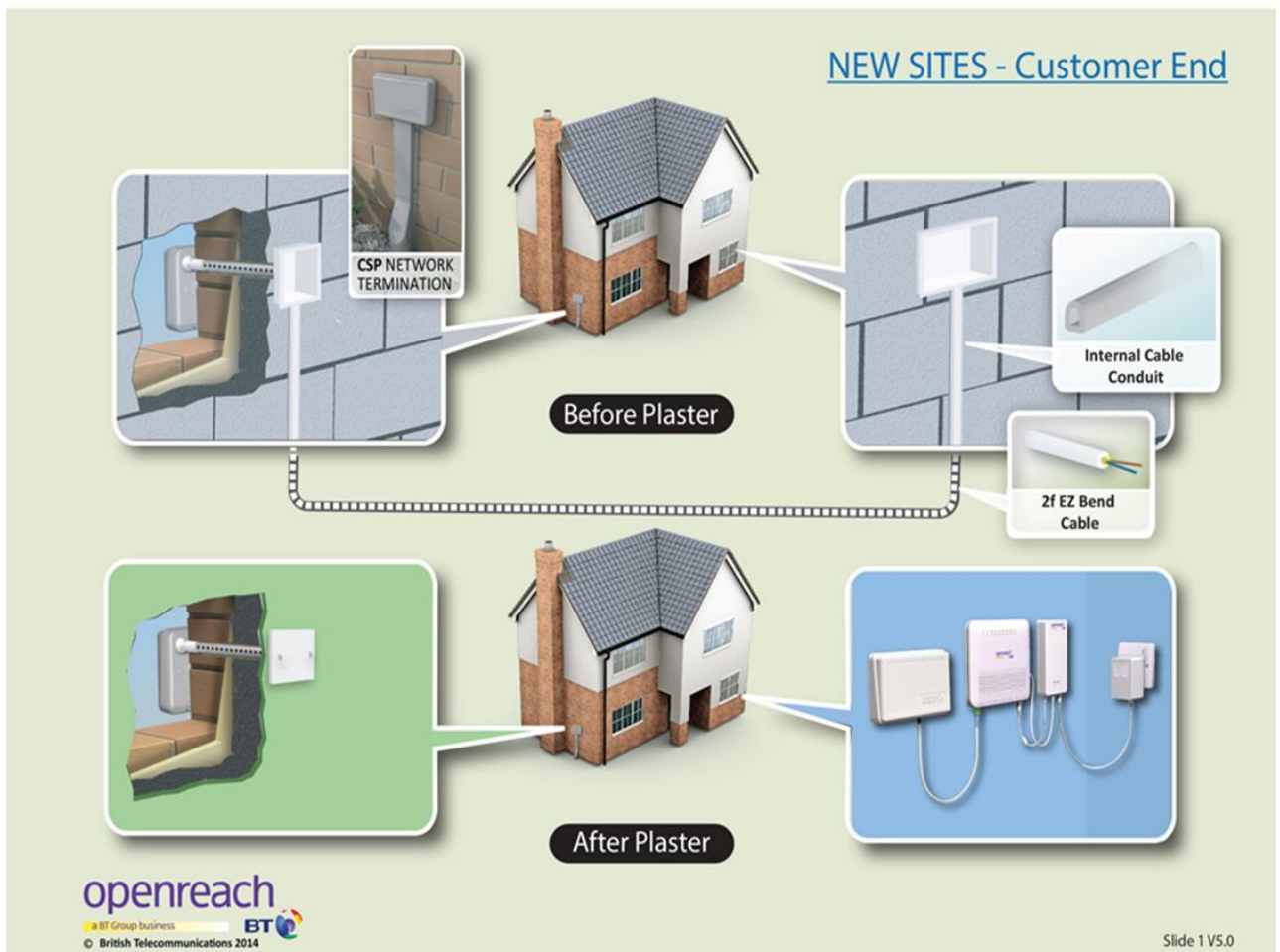


EZ Bend Fibre Cable Installation to Single Dwelling Units

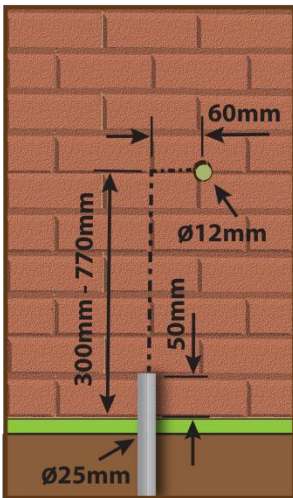
The positioning of the Openreach Fibre to the Premise Equipment should be incorporated into the property drawings. EZ Bend Fibre cable is used to connect this equipment to the external network by transiting through the property. The cable installation should form part of your/The Developers M&E procurement Tender and First Fix activities.

This guide covers the installation requirements of the Openreach EZ Bend cable having first agreed the finishing position of the external duct with your New Sites Rep. To note, the duct can finish at the most suited elevation of the property allowing for the aesthetical management of the Openreach capping, Customer Splice Point (CSP) and the installation of the EZ Bend cable.



Developers Responsibilities

- 1) The duct must be trimmed to a height of 50mm above the exterior finish/landscaping and protrude no greater than 10mm from the final finishing of the exterior wall.
- 2) Drill a 12mm hole ensuring clear access for a cable lead-in protector (CLI). (The CLI will be installed by Openreach to protect the cable through the cavity)



A 12mm hole is required to link the external Network to the internal one.

The hole should be positioned such that it is 300mm (Min) – 770mm (Max) vertical from the centre of the duct and at 60mm to the right of this vertical.

Failure to provide a hole to these exacting measurements will impact the aesthetics of the capping and CSP positioning and Openreach may refuse to install its network.

- 3) On the internal wall provide a single back box which will form the turning point for the EZ Bend cable upon entry to the premise. (The EZ Bend cable should be treated as if it were an electrical one, the minimum bend radius is 15mm)
- 4) Provide a double back box at the designated location for the Openreach FTTP equipment.
- 5) Install the EZ Bend cable in a single undamaged length from the Double Back Box at the FTTP Equipment location through to the single back box at the incoming location.
- 6) A developer supplied conduit can be used to protect the cable if required. Ensure a minimum of **2 metres** of spare cable is available at the Double Back Box (location for the FTTP Equipment) and **2.5 metres** at the Single Back Box (Duct location) allowing the cable to pass through the hole as and when required.
- 7) The cable must be left protected and housed within the back box's or other suitable means to ensure it remains undamaged throughout the build. All following trades should be notified of this requirement to avoid the risk of damage/removal.
Caution: A damaged/defective cable will need to be re-installed in its continuous length, it cannot be jointed.

Openreach Responsibilities

Following Plot Call Off the Openreach Installation Engineer will;

- 1) Install the CLI through the 12mm hole and trim it flush to the external wall and the inside face of the Internal back box.
- 2) Pull the EZ Bend cable through the wall ready for terminating
- 3) Install the CSP capping and connector bend,

Description	Item Code
Internal CLI (Tube)	061825
CSP (Grey)	061818
Capping 25	072180
Connector Bend 4	095096



4) Terminate the EZ Bend fibre to the external fibre and house the connection within the CSP.

5) At the Equipment end the Engineer will terminate the EZ Bend cable to a pre terminated end and house within an Internal CSP. The CSP will be attached to the recessed double back box using its face plate securing mounts and screws. The Optical Network Termination Point (ONT) and the Battery Back Up Unit (BBU) will be mounted to the wall or within an approved enclosure as determined by the developer and agreed by the NSR.

6) The Openreach FTTP Kit will be connected to your/The Developers approved/certified power outlet tested/commissioned and left ready for service.



End of document.