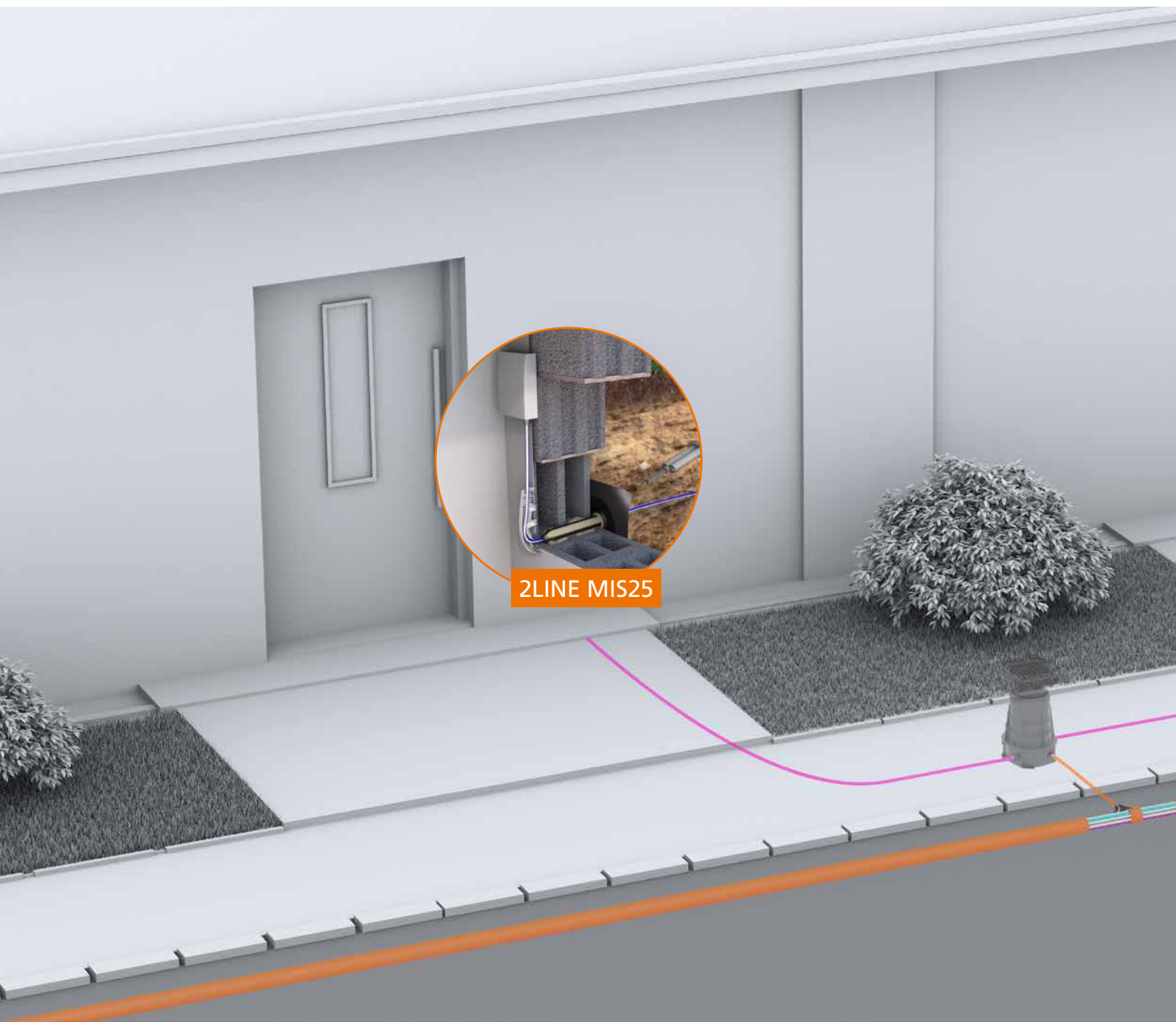




The ingenious termination point system

2LINE G-BOX as distributor or cable tray

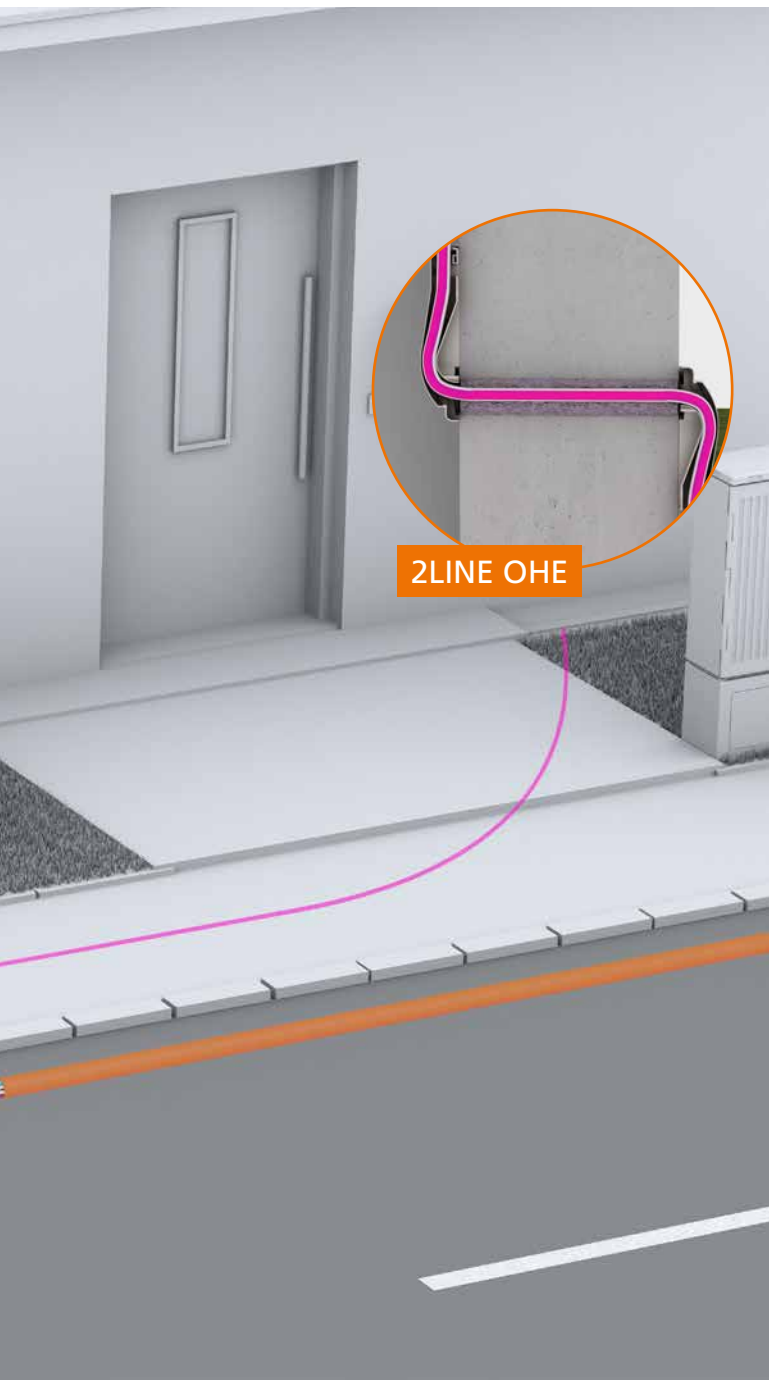
2LINE G-Box as distributor/cable tray/termination box



2LINE MIS25

Applications for existing housing stock/new builds/redensification

- semi-detached house/new build in garden
- apartment building
- plot division/house demolition
- underground alternative for distribution cabinets (e.g. in sparsely populated areas)
- effective exploitation of existing planning, e.g. transforming a one-family home into a two-family home
- cascading blowing in of long house connections
- creation of a distribution point in a place where this is not possible by conventional-means (streetlamp, stop, campus, etc. for a smart city and also autonomous driving)



The ingenious termination point system

SRising interest rates, material bottlenecks, skills shortages, high land prices – financial considerations are prompting developers to favour purchasing apartments in multi-storey buildings over building houses. This trend is resulting in falling new build numbers and the redensification of existing housing stock. In this scenario, the 2LINE G-BOX can be used to split existing house connections and do away with the need for public excavation works..

The 2LINE G-BOX can be used as an underground distribution or branch point and is placed in the pavement or on the customer's plot. In the course of the network construction work, the installation of the 2LINE G-BOX provides an opportunity to blow cables into multiple 2LINE G-BOX in a residential area in one operation. The empty conduit route is functional and the work can be accounted for at a very early stage. Any damage to the microtube can already be detected during the construction phase. As a result, there is no need for additional excavation services.

The 2LINE G-BOX also has a wide range of applications as a micronode point. This is particularly true when constructing one or more new residential units for which no supply was included when planning the route. In the sealing case of the 2LINE G-BOX, up to 24 splices can be made in the integrated termination point. This enables up to three residential buildings to be supplied with fibre optics via the outputs of the 2LINE G-BOX.

Benefits

- elimination of excavation work and conservation of empty conduit capacity
- pre-installation: no further digging required outside the plot
- subsequent connection for new residential units possible, which ensures high flexibility
- verifiability of the functionality through fixed termination point
- bridging of large distances
- tunnelling on the basis of reserve capacity





Plan ahead with the 2LINE G-BOX

The use of the 2LINE G-BOX makes it possible, especially for »Homes Passed« connections, to lay optical fibre at a defined transfer point, for example a small duct, on the customer's property or pavement. The fibre optic cable is blown into the 2LINE G-BOX, which can also be accessed at a later date, and securely laid down.

The customer's subsequent connection can thus be guaranteed without the need for civil engineering work in public areas.



2LINE G-BOX as storage location / transfer point



Household connected without excavation work in public spaces

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