EMTELLE

TOGETHER EVERYTHING CONNECTS

Homes Passed+

Right First Time, Every Time.

Fast, Reliable Customer Connections.

- **Short Connection Distance To Homes**
- **Zero Customer Connection Risk**
- **Reduced Workforce**
- **Future-Proof**

Quick and Seamless Customer Connections

THE CHALLENGES WHEN CONNECTING HOMES.

Deploying FTTH networks comes with delays, disruptions, and costly rework. Permit approvals can be time-consuming, and road closures disrupt traffic, requiring extensive coordination. Blocked ducts and installation issues lead to unexpected costs, while skilled labor shortages can slow progress. Without a future-ready approach, these challenges cause delays, inefficiencies, and frustrated customers.

Homes Passed Plus eliminates these risks by pre-installing fiber at the home boundary on day one, ensuring faster, seamless customer connections.

Potential Challenges of Building FTTH Networks

Neglecting to install fiber during the digging phase can result in expensive rework and service delays. Potential consequences of incorrect duct installation from the beginning:

Damaged or Blocked Ducts

Microducts can become clogged with mud, water, or debris.

Unsealed Ducts & Infill Issues

Poor sealing allows dirt and moisture to enter, leading to maintenance headaches.

Complicated Routing

Rolled-up ducts in access chambers make future installations more complex.

Additional Excavation & Site Visits

Reopening groundworks adds significant costs and disruptions.

All of the above make cable installation challenging.

All these problems could be avoided if fiber drop cables were installed, tested and stored at the boundary of each property on day one!

INTRODUCING

Another innovation by Emtelle

Homes Passed +

Homes Passed Plus is the next generation FTTH/ FTTP deployments that ensures fiber is installed up to a home's boundary in advance, ready for quick and seamless customer connection when needed.

Fiber cable is blown, pushed, or pulled to the boundary (or street cabinet). Fiber cables can now be stored in Emtelle's FiberMag - a revolutionary fiber storage device designed for fast and easy cable deployment to the home for that important customer connection.

Instead of multiple, costly interventions, Homes Passed Plus allows for a more efficient rollout, reducing delays and minimizing disruptions.

Embrace the future of FTTH deployments with Homes Passed Plus, and experience seamless, cost-effective, and efficient fiber installations.

Homes Passed+

THE SMART APPROACH TO FTTH DEPLOYMENT

KEY BENEFITS

On-Site Advantage

Any civil remediations can still be done by the civils contractor as they are still on site when the cables are being installed, saving time & reducing costs.

Bulk Installation Deployment

The fiber installer can install to every home boundary in bulk rather than one or two homes at a time. This reduces truck rollouts & installation costs, as well as increasing overall efficiency.

Assured Connection Quality

You can test the fiber connection between the boundary and the Point of Presence (POP) prior to offering a connection date to your client. This ensures they have a pleasant customer connection experience without any delays or disappointment.

Connection Rate Surge

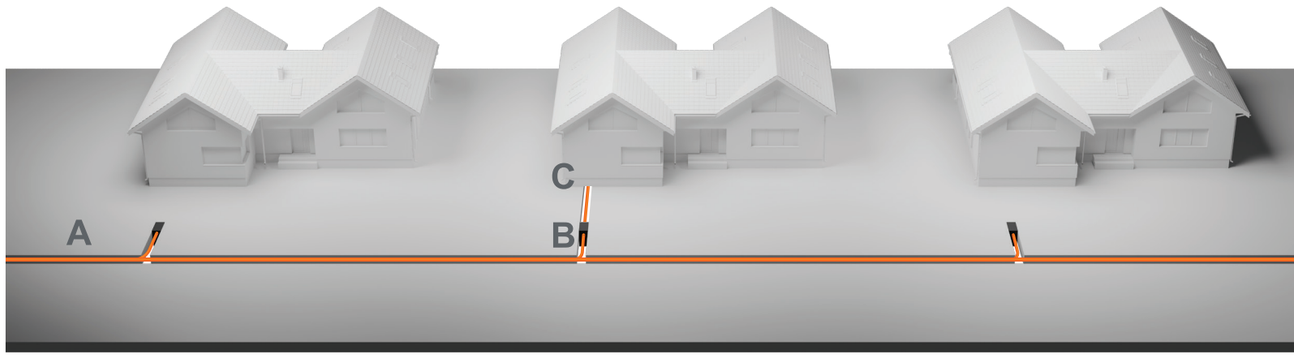
The most vulnerable area of a network is between the cabinet and the boundary. If the fiber is already at the boundary, then your customer connection rates will be increased.

Customer Drop Cost-Savings

The cost for the customer drop is greatly reduced. As the optical build is complete only a drop tube/duct needs to be installed, and the cable hand pushed.

On day one, empty microduct and fiber are installed from **A to B**, with the digging company on-site to address any issues immediately.

When connecting the home, the distance shifts from **A–C to B–C**, making the process shorter, easier, and faster.



The future of FTTH is faster, simpler,
and more efficient with Homes Passed Plus.

WHY CHOOSE HOMES PASSED PLUS?

Adopting the Homes Passed Plus approach provides your network significant long-term cost-savings while reducing the numerous traditional problems and delays faced during FTTH installation. By connecting the customer's fiber to the home boundary in one go and adopting Homes Passed Plus, network providers can:

Eliminate Multiple Site Visits: No need for repeated, costly deployments.

Reduce Installation Costs: Cut down on expensive skilled labor and excavation work.

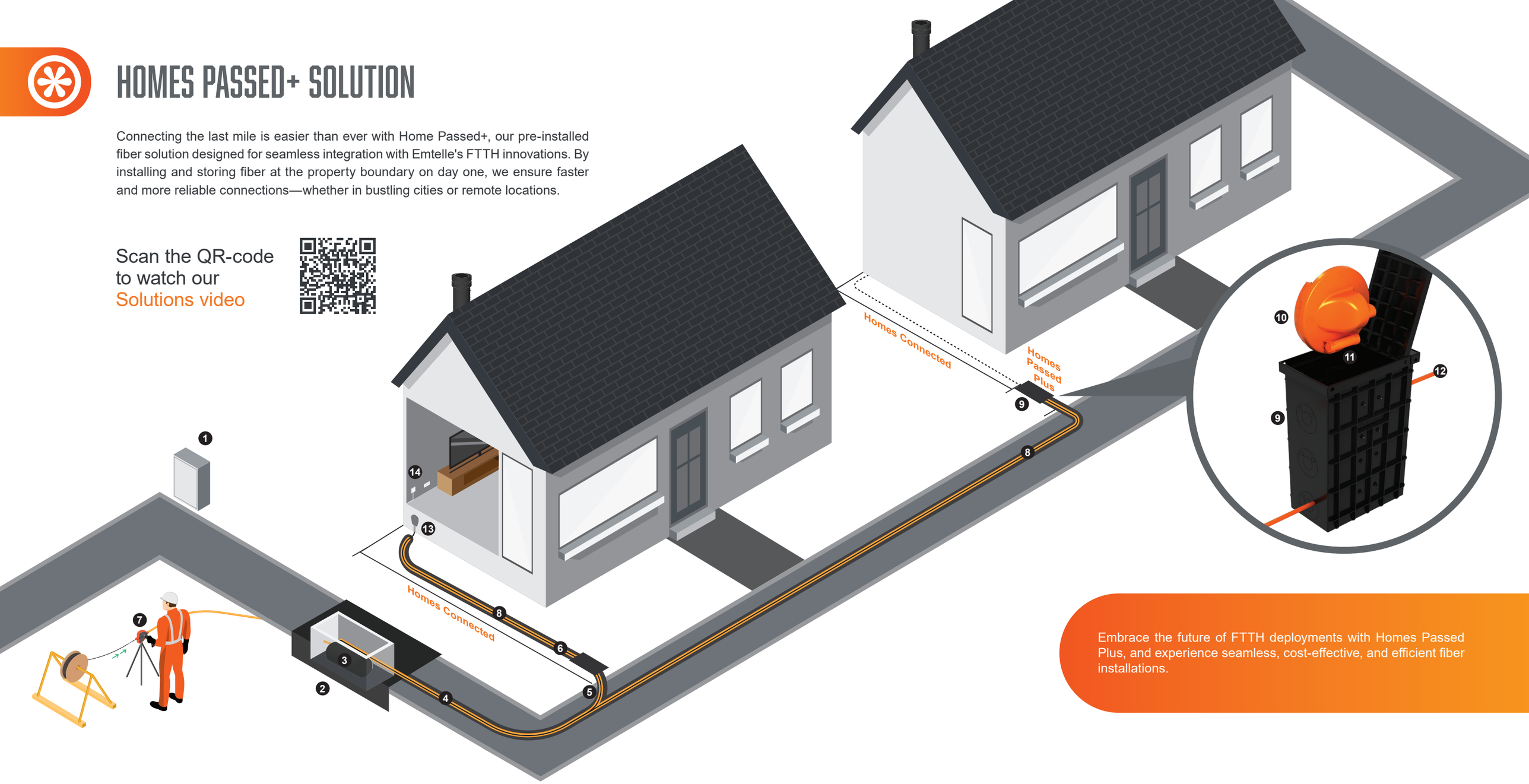
Speed Up Customer Activation: With fiber pre-installed, customers get connected faster.

Enhance Network Reliability: A fully tested, ready-to-go fiber network reduces service disruptions.

HOMES PASSED+ SOLUTION

Connecting the last mile is easier than ever with Home Passed+, our pre-installed fiber solution designed for seamless integration with Emtelle's FTTH innovations. By installing and storing fiber at the property boundary on day one, we ensure faster and more reliable connections—whether in bustling cities or remote locations.

Scan the QR-code
to watch our
Solutions video



Embrace the future of FTTH deployments with Homes Passed Plus, and experience seamless, cost-effective, and efficient fiber installations.

1 Cabinet

2 Access Chamber

3 EM-Finity Closure

4 Microduct / Tube Bundle

5 EM-Bend

6 Universal Drop Tube

7 DropDrive™

8 REVOLink3™ Cable

9 Toby Box+

10 FiberMag + EM-Marker

11 EM-Marker

12 Gas Block Connector

13 ETB

14 ITB

EMTELLE FIBERMAG

Homes Passed Plus Fiber Storage Magazine

The Emtelle FiberMag is your ideal solution for temporarily storing optical fiber cables like our REVOLink3™ and FiberFast Xtreme. Designed as part of our comprehensive Homes Passed Plus solution, this fully sealed system connects seamlessly with Emtelle's FiberFlow™ microducts (7mm, 8mm, or 10mm). Store up to 40 meters of excess cable at the property boundary, ready for quick, splice-free customer connections.

Equipped with an EM-Marker, the FiberMag is easily and precisely locatable when buried using a standard telecommunications locator frequency.

- **40m Storage Capacity**
- **Integrated Push-fit Connectors**
- **Flexible Exit Positions**
- **High Impact Rating - IK09 - 10 Joules**
- **Easily Locatable: EM-Marker**

IP68 RATED

Quick and Seamless Customer Connections

FUTURE-PROOF YOUR FTTH NETWORK WITH HOMES PASSED PLUS.

REDUCE COSTS. ACCELERATE DEPLOYMENT. DELIGHT CUSTOMERS.

JOIN THE NEXT EVOLUTION IN FIBER DEPLOYMENT TODAY.

FiberMag

*Patent Pending

Designed for use with Emtelle optical fiber cables, the FiberMag is perfect for storing fiber in preparation for plug-and-play customer connectivity. Ideal for Homes Passed Plus and FTTH projects.

FULL SOLUTION OVERVIEW

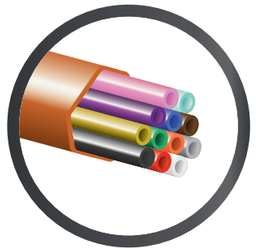
Recommended Products

Our solutions are made to perfectly complement your network installations, working together seamlessly for optimal performance.

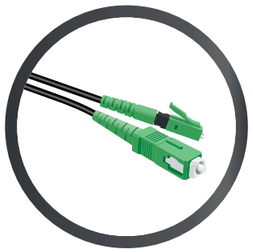
Cabinet - Suitable for dense distribution of customer connections and large distribution cables. Customer connections can be directly spliced or distributed through the LGX splitter modules.

Access Chambers have been designed for both footway and roadway installations, where they provide access to underground ducting.

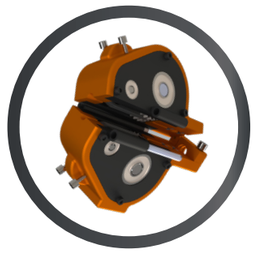
EM-Finity Lite has the capability to have either 144 splices, or 12 SC or 24 LC pre-connectorized customers.



Tube Bundles each boasting microducts with low friction performance. With a robust, thin & tough sheath that envelops each tube bundle, ensuring unmatched protection and durability.



QWKREVOLink3™ is a pre-connectorized fiber drop cable for FTTx installation. Streamlining the installation process and considerably lowering the capital expenditure typically required for installation equipment.



DropDrive™ Emtelle's cutting-edge drill-assisted pushing machine designed to seamlessly enhance fiber optic pushing installations. Lower overall deployment complexity, making installation for all, accessible.

ITB (Internal Termination Box) is an indoor storage box deployed in the FTTH network. The box can be used to store the slack from pre-terminated drop cables or fiber modules.

EM-Bend product is designed to be quick and easy to install only using cable ties. It offers a smooth 90° bend while protecting the tube connector for optimal cable blowing performance. Can also be used as an L/T-branch.

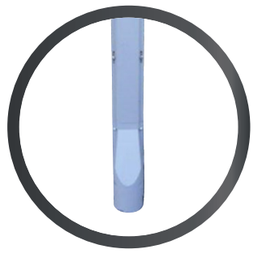
Universal Drop Tube is used as a customer drop tube for a variety of installations – it can be used overhead, in duct, along walls or directly buried. With GRP strength members in the wall, the Universal Drop Tube is spade resistant.

Toby Box+ is a compact access point from where a technician can easily maintain and install customer connection infrastructure. It can be used to store excess cable slack or fit a compact splice closure.

EM-Marker is a compliant telecommunication underground marker that is placed underground to easily trace key points of infrastructures. Other uses include being used as an end cap or with the EM-Bend.

Gas Block Connector provides an in-line seal between the connector, tube and fiber cable preventing gas and water from entering the cable system and leaking into unwanted areas.

Push-fit Connectors are suitable for use with FiberFlow™ microducts of the same size. They ensure a seamless and airtight connection when blowing fiber cable at up to 15 bar working pressures.



External Customer Lead In and through wall protection of fiber optical customer drop cable.

FiberMag (Fiber Storage Magazine), IP68 system designed to make Homes Connected a faster, simpler and far more cost-effective process. Temporarily stores up to 40m of fiber cable (QWKREVOLink3 / FiberFast Microcables).

ETB (External Terminations Box) houses a built-in spindle on which a plastic moulded cable dispenser reel / drum can be mounted. Increases the reliability and speed of storing excess cable slack when connecting customers.

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