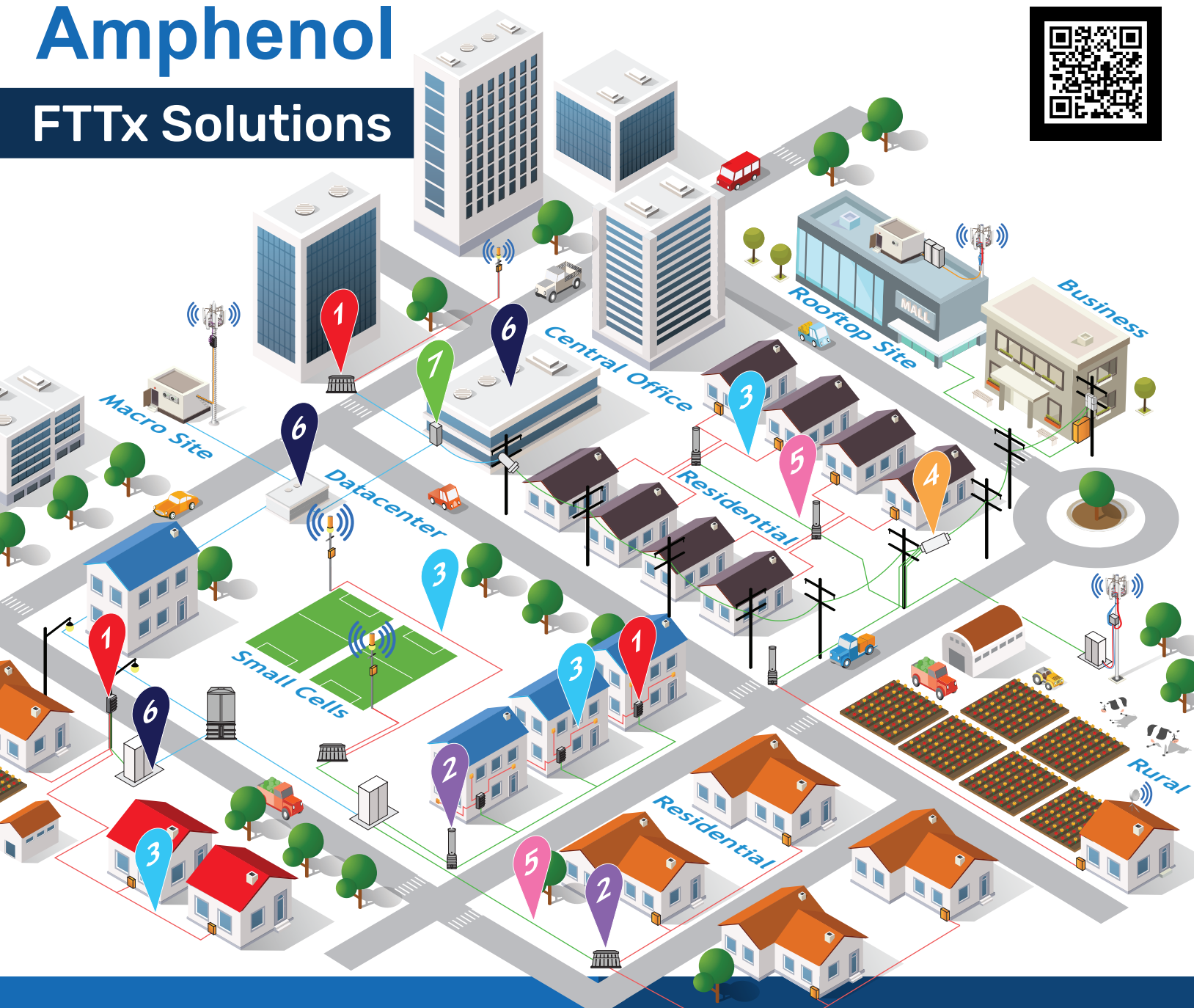


Amphenol

FTTx Solutions



Problem



Complexity and time needed to connect users to fiber network



Traditional networks are built using fusion splice techniques



Skilled labor market for fiber optic installers is tight and expensive



Installation requires two steps: Install main feeder & connect subscriber

Amphenol's Solution

Pluggable and modular connectivity solutions including feeder cables, multiport drop points and drop cables

- ✓ Less technical expertise required to install
- ✓ Fast to deploy
- ✓ Modular options can grow with your network
- ✓ Re-deployed when removed
- ✓ Reduce time to revenue added subscribers



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Fiber to the X

1

eAMT

Multi-port Service Terminal with Drop Receptacles

- ✓ Pluggable fiber distribution point used to connect between an optical trunk and a subscriber
- ✓ Mounted aerially, within a pedestal or in an underground vault
- ✓ Enables an all homes passed network using either a P2P or PON architectures
- ✓ OptiTap® compatible
- ✓ Pigtailed or Pluggable input, 2-12 drop ports, multi-fiber or splitters



2

Mini AMT

Multi-port Service Terminal with Pigtailed Drop Ports

- ✓ Compact version of the AMT ideal for at-grade or below-grade deployments
- ✓ Pigtailed drop fiber connections offer easy access and flexible routing in tight locations
- ✓ Enables an all homes passed network using either a P2P or PON architectures
- ✓ OptiTap® compatible
- ✓ Pigtailed or Pluggable input, 2-12 drop ports, multi-fiber or splitters



3

Feeder and Drop Cables

HFOC and HMFOC Outdoor Plant Jumper Assemblies

- ✓ Used for drop and feeder cables
- ✓ Fully sealed connection when mated to Amphenol AMT or Mini AMT
- ✓ Compatible with OptiTap®
- ✓ Plug or in-line receptacle, breakouts to SC, LC or MPO
- ✓ Direct buried, conduit and aerial self supporting



4

Node Service Cable

5/8-24 Node Service Cables, Straight and 90 Degree

- ✓ Extend the life of legacy copper drops by deploying HFC Nodes with Node Service cables.
- ✓ Connects distribution splice point with fiber to CATV Service Node
- ✓ 2-24 fibers and Straight or 90 degree mounting options support all installation locations
- ✓ Unique body and nut design require no secondary sealing or assembly



5

Pigtail Stub Assemblies

12-432 Fiber OSP Pigtail with Breakout to SC, LC or MPO

- ✓ Multifiber feeder cable that connects from the main trunk splice point to street cabinet or patch bay
- ✓ Commonly installed before cabinet is mounted for quick placement
- ✓ Pre-terminated breakouts eliminate fusion splicing at the cabinet side
- ✓ Potted breakouts and ruggedized furcations ensure reliability in extreme conditions



6

Indoor Cable Assemblies

SC, LC, MPO, FC and Other Standard Indoor Assemblies

- ✓ Used to connect optical equipment, panels and outlets within the premise
- ✓ Provide connectivity from equipment (ONT & OLT) to transmission equipment or subscriber
- ✓ Available in a wide variety of connector types, cable designs, and lengths
- ✓ Custom configurations available upon request

