

# FIBER-TO-THE-HOME & FIBER-TO-THE-BUSINESS

## RAPID INSTALLATION KITS



 **FUTUREREADY<sup>®</sup>**  
SOLUTIONS

*Connect with the best.*

**FTTx, or fiber-to-the-home and business, is one of the fastest growing markets in the United States and has become an integral part of audio-visual, datacom and security installations.**

Many integrators shy away from fiber connectivity when, in reality, it's one of the easiest and most profitable portions of the installation.





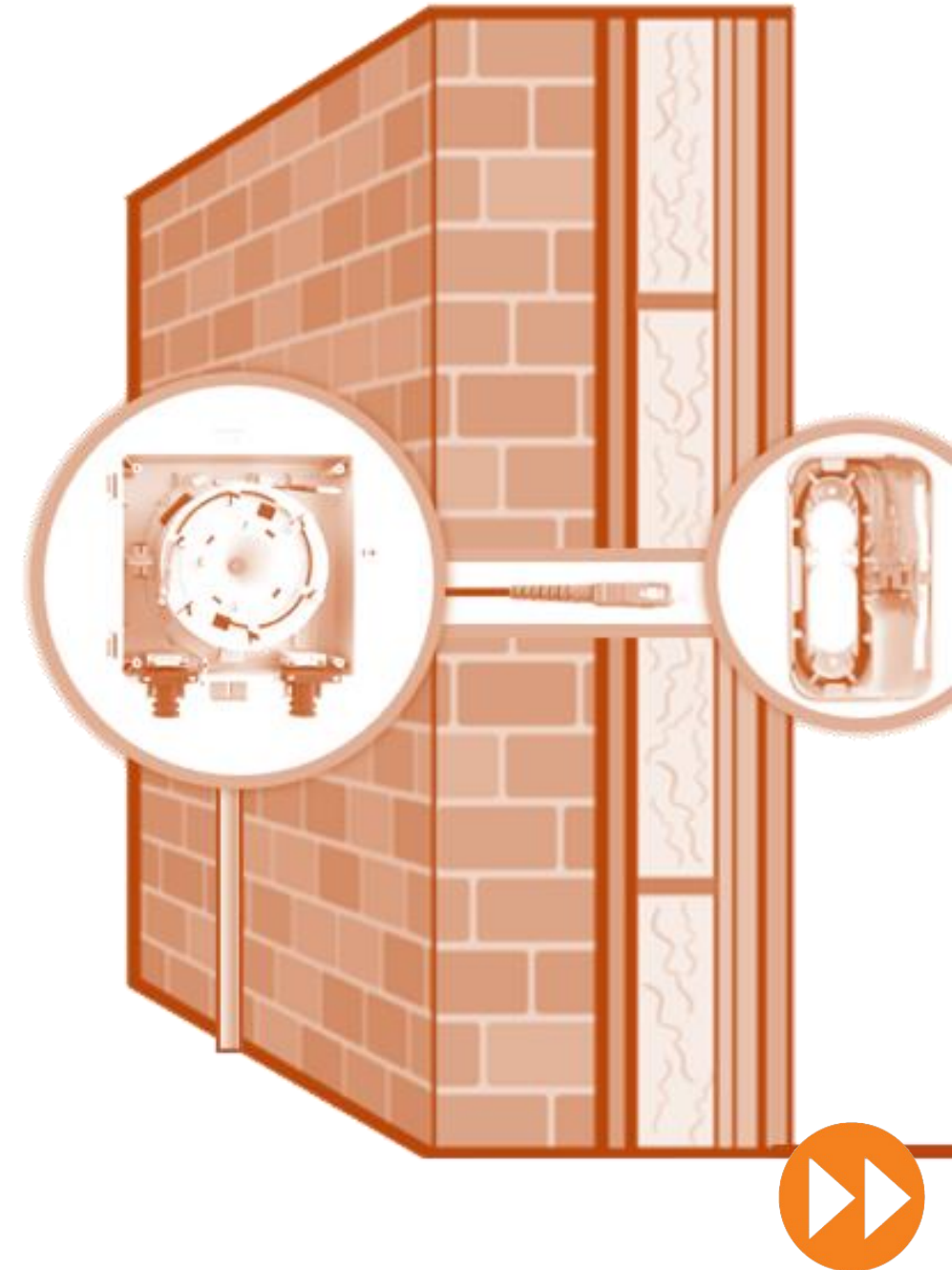
Unlike most hardware providers who focus on *long haul* or *last mile* fiber deployment, **Future Ready Solutions specializes in the *last meter* of installations. We start where others stop.**

Our turnkey solutions make integrating demarcation points and building infrastructures quick, easy, reliable and future-ready.



# Future Ready Approach

- Specialize in connectivity from the demarcation point into the building and throughout the broader property
- Focus on turnkey kits that are affordable and easy-to-integrate
- Leverage components that are regionally and nationally approved by service providers
- Supply innovative, future-ready solutions based on standards and real-world user demands
- Accommodate various environments and cable paths





## FTTx Made Easy

LightSpeed Technologies offers three turnkey kits for managing fiber into and throughout the property.

- **FTTX-K10**: manages internet service feeds
- **FTTX-K20**: manages internet service feeds, networking & AV over fiber
- **FTTX-K30**: manages internet service feeds, networking & AV over fiber plus storage & power for active electronics

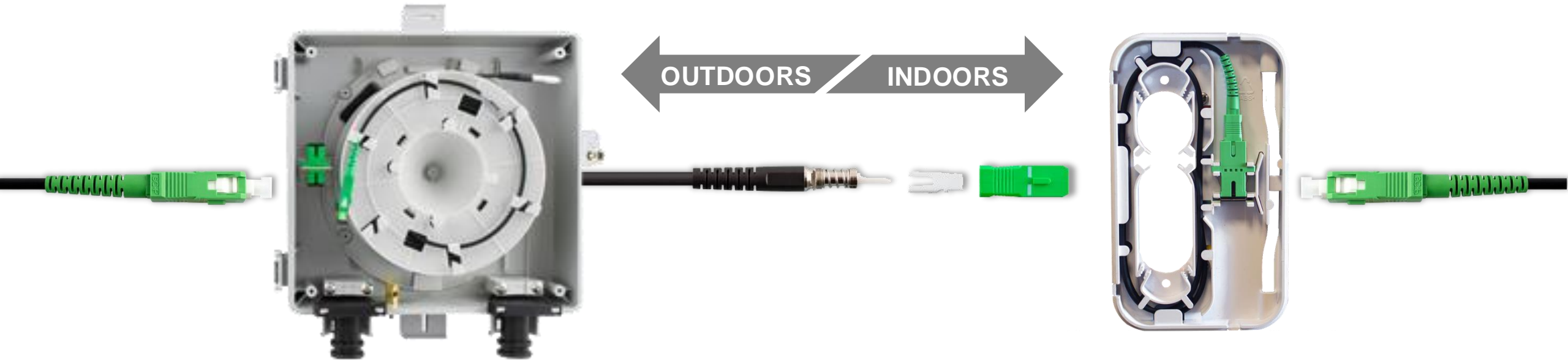


# Before the Installation: FTTx Considerations

- **Installation environment.** Does the outdoor cable and enclosure require protection from water, UV, dust and abrasion?
- **Installation aesthetic.** Where will the enclosures be located? Does the installation require low-profile connectivity and cable management?
- **Installation size.** What is the cable path and length between the enclosures? How much cable will be required? Are there obstacles that will require termination in the field? Or can pre-terminated cables be integrated?
- **Outdoor connectivity.** Will the enclosures only be used for internet service feeds? Or will they also be used for outdoor network connectivity (outdoor access points, video feeds, building-to-building networks, etc.)?



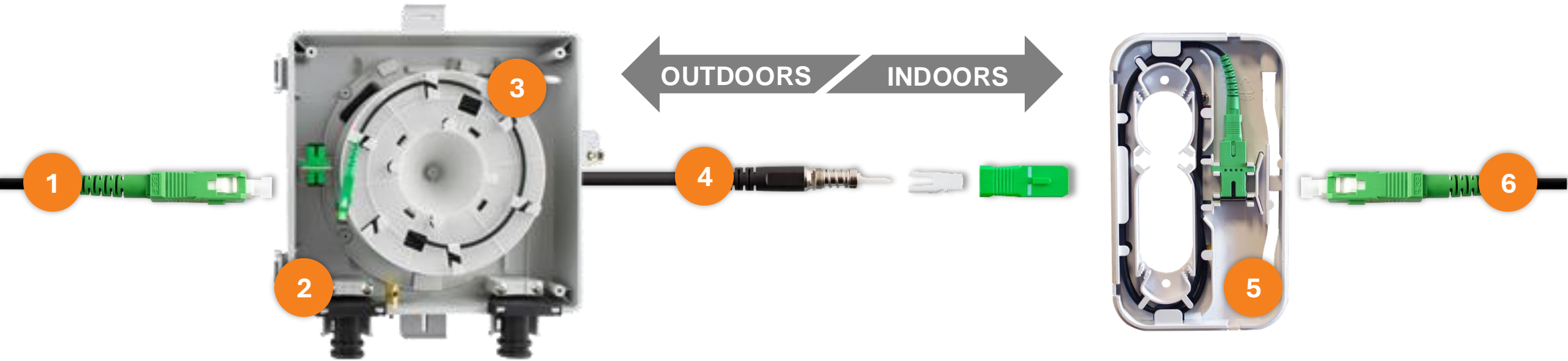
# FTTX-K10: Rapid FTTx All-in-One Kit



The **FTTX-K10** kit includes everything you need for a broadband fiber connection in an easy-to-install package. *No fiber testers, tools or terminations required.*



# FTTX-K10: Rapid FTTx All-in-One Kit



1

**Service Provider Cable Feed**  
(contractor provided)

2

**Outdoor Enclosure**  
(FTTX-K10 provided)

3

**Built-in Fiber Reel with 150ft of Cable**  
(FTTX-K10 provided)

4

**Snap-On Fiber Optic Connector**  
(FTTX-K10 provided)

5

**Indoor Enclosure**  
(FTTX-K10 provided)

6

**ONT / Modem Cable Feed**  
(contractor provided)





# FTTX-K10: Rapid FTTx All-in-One Kit



## Outdoor Enclosure Key Features

- Outdoor-rated for exposure to water and UV
- Built-in fiber reel with 150 feet of pre-terminated single mode fiber
- Ultra-flexible micro-armored cable with overall diameter of 3.0mm
- Toolless snap-on SC/APC connector with bullet-style pulling eye
- Pulling eye accommodates cable paths as small as ¼ inch
- Built-in coupler for quick service cable connection
- Two gasketed entries / exits supporting conduit up to 1 inch
- Grounding lug

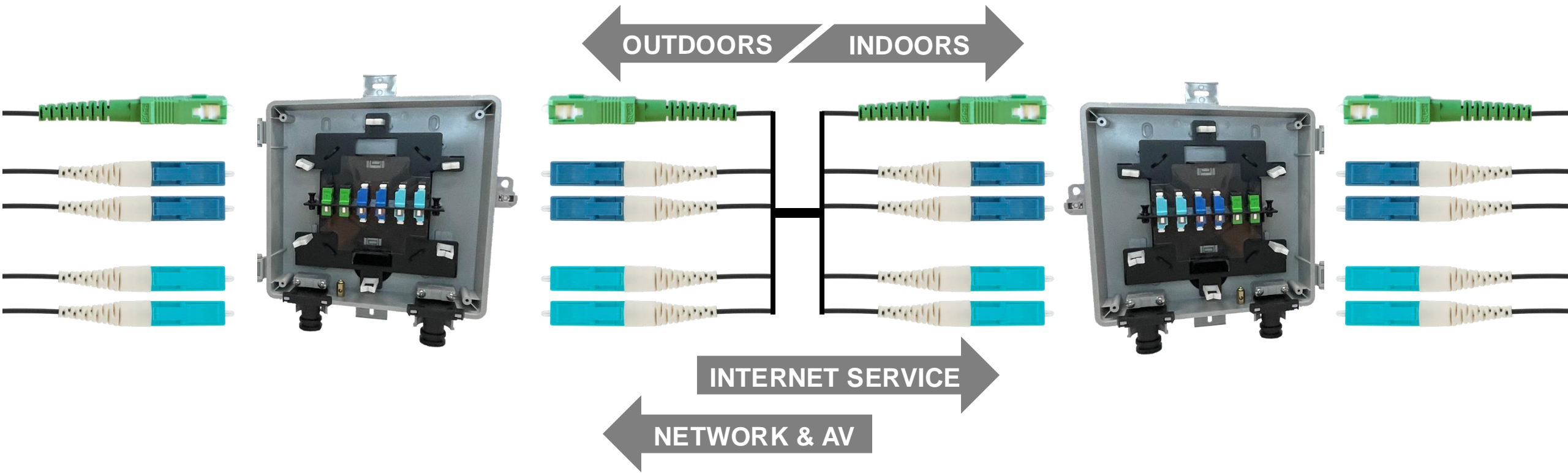


## Indoor Enclosure Key Features

- Low-profile design
- Mounts over standard single gang boxes and trim rings
- Built-in coupler for quick outdoor feed cable connection
- Built-in cable management



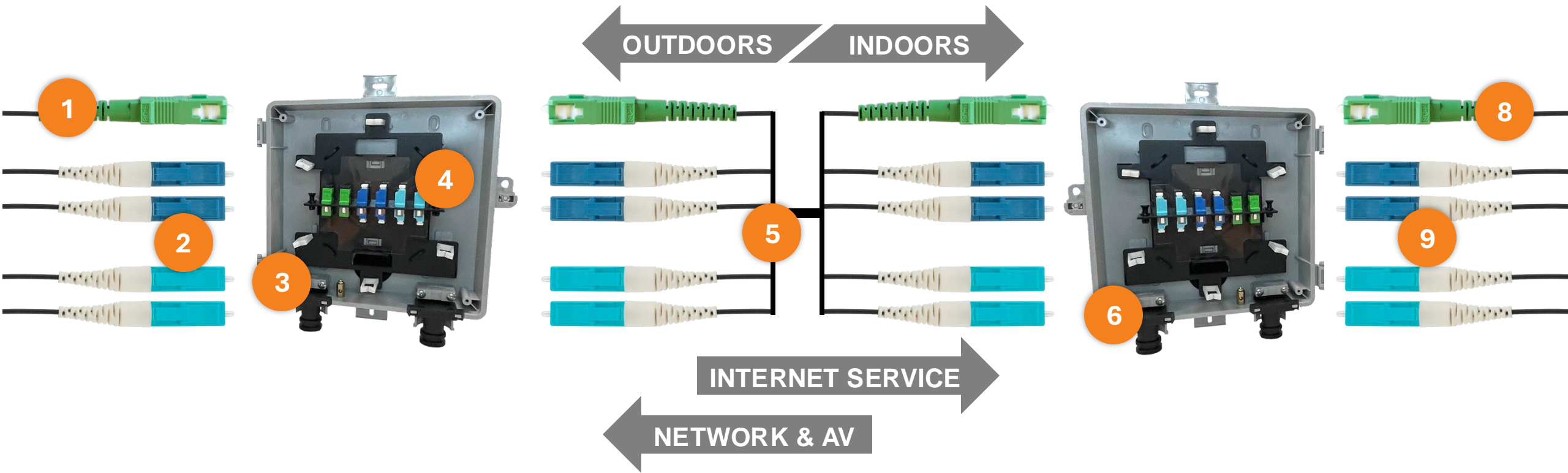
# FTTX-K20: Hybrid FTTx + Networking



The **FTTX-K20** kit manages broadband, network and audio-visual fiber connections in single, easy-to-install enclosures. *Simply add cable.*



# FTTX-K20: Hybrid FTTx + Networking



- 1 Service Provider Cable Feed (contractor provided)
- 2 Remote Network and/or AV Feed (contractor provided)
- 3 Outdoor Enclosure (FTTX-K20 provided)

- 4 Hybrid LGX Panel (FTTX-K20 provided)
- 5 Trunk Cable (contractor provided)
- 6 Indoor Enclosure (FTTX-K20 provided)

- 7 Hybrid LGX Panel (FTTX-K20 provided)
- 8 ONT / Modem Cable Feed (contractor provided)
- 9 Local Network and/or AV Feed (contractor provided)



# FTTX-K20: Hybrid FTTx + Networking

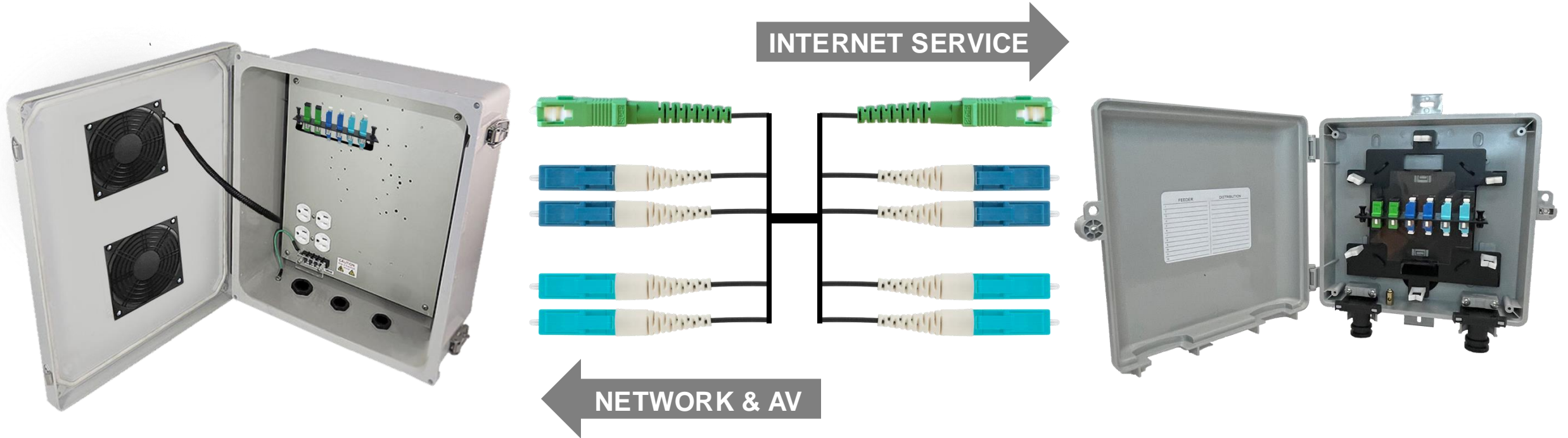


## Outdoor & Indoor Enclosures Key Features

- Outdoor-rated for exposure to water and UV
- Includes hybrid LGX panel with:
  - (2) simplex single mode SC/APC
  - (2) duplex single mode LC
  - (2) duplex multimode LC
- LGX panel is swappable for quick customizations in the field
- Built-in cable management for extra service cable
- Two gasketed entries / exits supporting conduit up to 1 inch
- Grounding lug



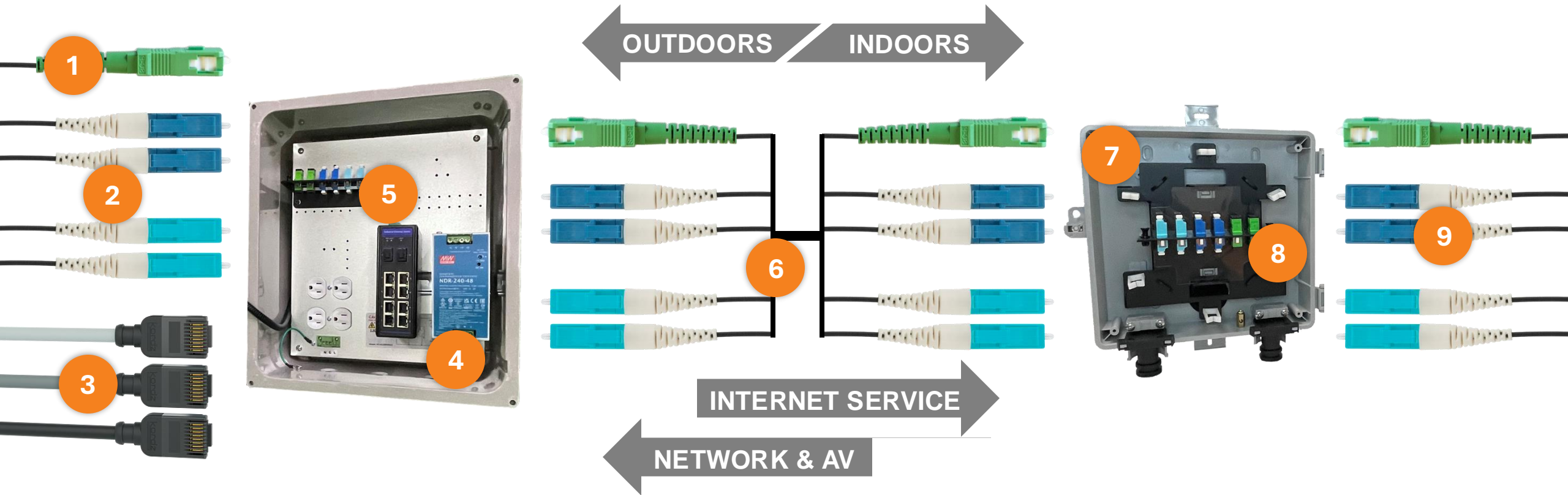
# FTTX-K30: FTTx for Active Electronics



The **FTTX-K30** kit manages fiber connections while providing power, mounting and environmental protection for installed electronics.



# FTTX-K30: FTTx for Active Electronics



- 1 Service Provider Cable Feed (contractor provided)
- 2 Remote Network and/or AV Feed (contractor provided)
- 3 Remote Twisted Pair Network and/or AV Feed (FTTX-K30 provided)

- 4 Active Enclosure (FTTX-K30 provided)
- 5 Hybrid LGX Panel (FTTX-K30 provided)
- 6 Trunk Cable (contractor provided)

- 7 Passive Enclosure (FTTX-K30 provided)
- 8 Hybrid LGX Panel (FTTX-K30 provided)
- 9 Local Fiber Cable Feeds (contractor provided)



# FTTX-K30: FTTx for Active Electronics



## Active Enclosure Key Features

- Outdoor-rated for exposure to water and UV
- 10.9 x 12.8 inch internal aluminum mounting plate
- Four factory-installed 120VAC outlets with removable terminal block for quick connections
- Two 4 inch vents with rain shields and screens
- Built-in thermostat-controlled cooling fans
- Includes hybrid LGX panel with:
  - (2) simplex single mode SC/APC
  - (2) duplex single mode LC
  - (2) duplex multimode LC
- LGX panel is swappable for quick customizations in the field
- Multiple entries / exits with cable glands
- Grounding lug



# FTTX-K30: FTTx for Active Electronics



## Passive Enclosure Key Features

- Outdoor-rated for exposure to water and UV
- Includes hybrid LGX panel with:
  - (2) simplex single mode SC/APC
  - (2) duplex single mode LC
  - (2) duplex multimode LC
- LGX panel is swappable for quick customizations in the field
- Built-in cable management for extra service cable
- Two gasketed entries / exits supporting conduit up to 1 inch
- Grounding lug





1



Fiber Service Kits

5



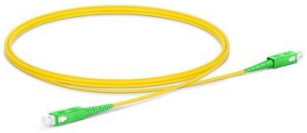
Fiber Outdoor Splice Management

2



Fiber Distribution Enclosures

3



Fiber Cabling

4



Fiber Wallplates

5

3

2

1

4



The Future Ready Home



Register for an account at: [www.futurereadysolutions.com/registration](http://www.futurereadysolutions.com/registration)

## Future Ready Solutions

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