

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

The FTTX-K10 kit from LightSpeed Technologies® streamlines fiber-to-the-home and business with all-in-one fiber optic connectivity in an affordable, easy-to-install package. The kit includes everything required to route a broadband fiber connection from an outdoor service location to an indoor demarcation point, quickly providing internet service to ONTs and modems.

Unlike other demarcation wiring systems that require a confusing variety of components and interconnects, the FTTX-K10 tackles almost any project with only two components: (1) a low-profile indoor enclosure that mounts to any standard single gang box or trim ring, and (2) an innovative outdoor enclosure with 150 feet of factory-terminated built-in fiber optic cable. Integrators simply mount the outdoor enclosure, route the cable to the indoor demarcation location, connect the indoor enclosure, and plug-in the service feed and ONT equipment.

To accommodate a wide variety of building constructions and cable paths, the FTTX-K10 features ultra-flexible, micro-armored, broadband-ready simplex single mode fiber that supports water exposure, UV exposure and stapling in place. An included bullet-style pulling eye and toolless snap-on SC/APC fiber connector accommodates cable paths as small as ¼-inch diameter.

The FTTX-K10 kit is ideal for residential and commercial installations where affordable, quick, consistent, reliable, and aesthetically pleasing fiber optic service connections are required. And its streamlined design allows anyone to deploy a broadband connection without fiber optic tools, testers, or specialized training.

### Product Snapshot

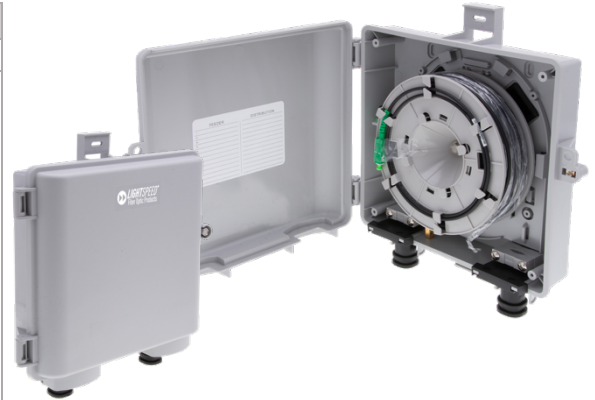
- FTTx demarcation wiring package including two enclosures, splice couplers and factory-terminated interconnect fiber on reel
- Ideal for connecting outdoor service provider broadband feeds to an indoor ONT (modem)
- Provides fast and affordable deployment of fiber FTTx connections
- No fiber optic tools, testers or specialized training required
- Included outdoor enclosure features a low-profile fiber reel with 150ft of pre-terminated single mode fiber and a toolless snap-on SC/APC connector
- Included indoor enclosure features a low-profile design that mounts over standard single gang boxes and rings



- 1 Service Provider Cable Feed** (contractor provided)  
Incoming service feed.
- 2 Outdoor Enclosure**  
Weather-rated enclosure connects and protects the incoming service feed while providing cable management and multiple secure cable entry and exit points.
- 3 Built-In Fiber Reel**  
Easy-pull fiber reel with 150ft of ultra-flexible micro-armored simplex single mode fiber connects the service feed to the inside of the property.
- 4 Snap-On Fiber Optic Connector**  
Factory-terminated snap-on SC/APC connector with pulling housing easily routes through walls, conduits and other spaces as small as ¼" in diameter.
- 5 Indoor Enclosure**  
Low-profile enclosure connects the incoming service feed to the ONT (modem) while providing cable management.
- 6 ONT Cable Feed** (contractor provided)  
Connection to the optical network terminal (modem).

### Kit Information

<b>Part Number</b>	FTTX-K10
<b>Contents</b>	<ul style="list-style-type: none"> <li>1 x factory-loaded outdoor enclosure               <ul style="list-style-type: none"> <li>1 x factory-installed fiber reel with 150ft of ultra-flexible micro-armored simplex single mode fiber factory-terminated with a snap-on SC/APC connector</li> <li>1 x bullet-style cable pulling eye</li> <li>1 x copper ground lug</li> <li>1 x simplex single mode SC/APC coupler</li> </ul> </li> <li>1 x indoor enclosure               <ul style="list-style-type: none"> <li>2 x wall anchors and screws</li> <li>2 x low voltage bracket screws</li> <li>1 x simplex single mode SC/APC coupler</li> </ul> </li> </ul>



### Outdoor Enclosure with Cable Reel

<b>Dimensions</b>	10.2 x 8.7 x 2.8in (261 x 222 x 73mm)
<b>Material</b>	PC and ABS outdoor-rated plastic
<b>Color</b>	Light gray
<b>Input / Output Conduit Support</b>	2 x up to 1in conduit
<b>Input / Output Cable Support</b>	2 x gasketed round entries accommodating from 0.12 to 0.63in (3.0 to 16.2mm) 2 x gasketed flat drop entries accommodating from 0.7 to 0.3 x 0.2in (2.0 to 8.1 x 4.5mm) 2 x variable size entry clamp
<b>Grounding</b>	Electrical copper ground lug
<b>Temperature</b>	-40°F to 176°F (-40°C to 80°C)
<b>Relative Humidity</b>	≤ 85%
<b>Environmental Rating</b>	GR-771 outdoor-rated for weather and UV exposure
<b>Security</b>	3/8" hex bolt with support for security seal
<b>Cable Length</b>	150ft factory-installed on reel
<b>Cable Type</b>	250µm simplex single mode (G657A2)
<b>Cable Construction</b>	Inner jacket: 900µm LSZH Outer jacket: 3.0mm indoor/outdoor black Armoring: 1.45mm ultra-flexible helical steel micro-armor
<b>Connector Type</b>	Simplex single mode SC/APC (green) in toolless snap-on configuration with bullet-style pulling eye
<b>Reel Type</b>	Factory-installed with adjustable tension via can wrench

### Indoor Enclosure

<b>Dimensions</b>	5.8 x 3.5 x 0.6in (147 x 89 x 15mm) *Dimensions and mounting pattern for standard single gang boxes and trim rings
<b>Material</b>	PVC
<b>Color</b>	Bright white
<b>Temperature</b>	-40°F to 176°F (-40°C to 80°C)
<b>Relative Humidity</b>	≤ 85%
<b>Environmental Rating</b>	Indoor rated
<b>Security</b>	Snap-on front cover

